



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

400 Seventh Street, S.W.  
Washington, D.C. 20590

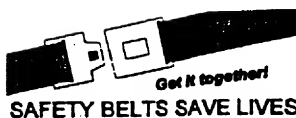
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Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-8393  
Wash. D.C. Area 366-0123

Case Vehicle (A): 1998 Nissan  
Type: Altima GXE, 4-door sedan  
Driver: 32-year-old female  
CDC: 02-RPAW-4

Veh. (B): 1998 Chevrolet  
Type: Blazer, 4 x 2, 4-door APV  
Driver: 46-year-old female  
CDC: 12-FDEW-2

## **SITUATION**

(Slide 1) It was daytime and the weather was clear, and the 2-lane north-south asphalt road was dry and free of defects. (Slide 2) Case vehicle (A) was traveling south, and vehicle (B) was traveling north on the 2-lane road. The driver of case vehicle (A) did not see vehicle (B) and attempted to make a left turn in front of vehicle (B) onto a two-lane east-west road. Vehicle (B) was unable to stop in time and struck case vehicle (A) in the right side with its right front. (Slide 3) After the first impact, case vehicle (A) rotated clockwise, exited the road surface, and (slide 4) came to rest facing south on the northeast corner of the intersection. The driver, right-front, and rear-center occupants of case vehicle (A) were taken to a regional level-one trauma facility, where they were treated for injuries and released the same day. The three occupants of vehicle (B) did not report any injuries. Both vehicles were towed due to damage.

## **GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES**

(Slide 5) Damage to case vehicle (A) was severe. (Slide 6) Direct damage began 26-cm rearward of the center of the right-front wheel and extended 255 cm to the rear, and included the upper portion of the B-pillar. (Slide 7) The maximum crush was 47 cm to the forward portion of the right-rear door.

(Slide 8) Damage to vehicle (B) was moderate. (Slide 9) The direct damage to vehicle (B) began 45-cm to the right of the left-front bumper corner and extended 105 cm across the front bumper, resulting in 67 percent vehicle overlap. (Slide 10) The maximum crush was 27 cm and occurred at the right-front bumper corner. (Slide 11) There was no change to the left or (slide 12) right wheelbase.

Using the WinSMASH accident-reconstruction program, (slides 13, 14, 15 and 16) and crush profiles measured for case vehicle (A) and (slides 17, 18, 19 and 20) vehicle (B), the following impact severities were calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	38 (24)	-19 (-12)	-33 (-20)
Vehicle (B)	delta V	30 (19)	-30 (-18)	-5 (-3)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

(Slide 21) On the right side, the upper and lower portions of the B-pillar, and the front and rear doors were crushed inward. (Slide 22) The right fender, the right upper and lower A- and C-pillars, (slide 23) the right roof siderail, the right roof, and the right quarter panel were deformed. (Slide 24) The right-side doors were jammed closed. The right-side glass was broken out. The right wheelbase was decreased 3 cm.

In the front, (slide 25) the right turn signal lens was broken out. (Slide 26) The right portion of the windshield was cracked due to upper A-pillar deformation. (Slide 27) There was no damage to the engine compartment.

(Slides 28 and 29) There was no left-side damage, and no significant change to the left wheelbase.

(Slide 30) There was no damage to the rear of the vehicle.

### Interior

This vehicle was equipped with steering-wheel and passenger frontal-impact airbags, and (slides 31, 32 and 33) both deployed in this right-side impact. (Slide 34) There was no damage to the driver airbag, but the fabric of the passenger airbag had several small holes on the right side caused by broken glass. (Slides 35 and 36) There was no damage to the steering-wheel or (slide 37 and 38) passenger airbag module covers. (Slide 39) There was no damage to the steering-wheel rim or (slide 40) spokes.

(Slide 41) In the driver area, the roof structure was slightly deformed and buckled upward.

(Slide 42) In the center-front passenger area, (slides 43 and 44) the center console armrest was broken and deflected to the right.

In the right-front passenger area, (slide 45) the A-pillar, the headliner, (slide 46) the roof siderail, the right windshield top molding, the roof structure, the roof, (slide 47) the upper and lower B-pillar, and the interior door panel, hardware, and armrest were damaged. The door glass was broken out. The right-front seat cushion and backrest were damaged and (slide 48) the seat was deflected rearward and to the left.

(Slides 49 and 50) In the right-rear passenger area, the sill, the right-rear seat cushion, the right-rear seatback, the roof siderail, the C-pillar, and the interior door panel, armrest, and hardware, were all damaged. The door glass was broken out. The right-rear seat cushion and backrest were damaged and the seat was deflected to the left.

The following intrusions were noted and measured:

Location		Component	Distance (cm)	Direction
center front	(slide 51)	right-front seatback	14	to left
right front	(slide 52)	B-pillar	26	to left
		door	25	to left
		roof siderail	7	to left
right rear	(slide 53)	door	34	to left
	(slide 54)	C-pillar	11	to left
	(slide 55)	roof siderail	9	to left
		sill	7	to left

## OCCUPANT KINEMATICS AND INJURIES

(Slide 56) The 5-ft, 7-in, 165-lb, 32-year-old female driver was wearing the three-point belt, and (slide 57) the frontal-impact airbag deployed in this right-side impact. (Slide 58) There was a webbing imprint on the plastic D-ring, (slide 59) and plastic transferred to the belt webbing from the D-ring are indicators of belt use at the time of the crash.

On impact, the driver moved to the right and slightly forward relative to the vehicle interior. (Slide 60) Her face contacted the airbag as evidenced by a lipstick imprint on the top-right

portion of the airbag fabric. She sustained a contusion to her left shoulder, probably due to loading by the shoulder belt. She sustained a contusion to her right hip, probably due to contact with the center console armrest, (slides 61 and 62) as evidenced by the broken console, or possibly due to contact with the seatbelt latching mechanism. She sustained contusions to her left knee and leg, probably due to contact with the knee bolster. She sustained contusions to her right knee and leg, probably due to contact with the knee bolster, or possibly due to contact with the vertical console, (slide 63) although there were no witness marks for these injuries.

(Slide 64) The 5-ft, 10-in, 170-lb, 35-year-old male, right-front passenger was wearing the three-point belt and (slide 65) the frontal-impact airbag deployed in this right-side impact. (Slide 66) There were no witness marks on the plastic D-ring, but the belt was trapped by the crushed B-pillar in the extended mode and there were bloodstains on the belt webbing, indicating that the belt was pulled out and in use at the time of the crash.

On impact, the right-front passenger moved to the right and slightly forward relative to the vehicle interior. He sustained two small lacerations to the pinna of the right ear, probably due to flying broken glass. He sustained an abrasion to his forehead above the right eyebrow, probably due to flying broken glass or possibly due to contact with the airbag. He sustained a contusion to the right side of his chest, probably from contact by the right-front door interior, (slides 67 and 68) as evidenced by a scuff-mark on the right-front door interior, or possibly due to loading by the shoulder belt. (Slide 69) The right-front door interior armrest was damaged from occupant contact, but no corresponding injuries were reported. (Slides 70 and 71) There were holes in the roof siderail fabric, but no injury was associated with this potential contact.

(Slide 72) The 2-ft, 8-in, 24-lb, 17-month-old female, center-rear passenger was restrained by the five-point harness in an (slides 73, 74 and 75) Evenflo, forward-facing child seat, that was properly secured on the vehicle seat by the vehicle lap belt, (slide 76) but without the top tether. The lap belt had reportedly been cinched tight and secured by a metal locking clip.

On impact, the center-rear infant passenger moved to the right and slightly forward relative to the vehicle interior, but was held in place by the child safety seat. She sustained multiple small lacerations to her face, probably due to flying broken glass. She sustained a deep 3-cm laceration to her right forehead through the frontalis muscle to the skull, probably due to flying broken

glass, or possibly from contact with the side wing of the child safety seat. She also sustained an abrasion to the cornea of the right eye, probably from contact with the side wing of the child safety seat, or possibly due to flying broken glass.

The following tables and attached drawings (slides 77, 78 and 79) summarize the injuries for the three occupants of case vehicle (A).

Occupant: Driver

Restraints: 3-point belt worn; frontal-impact airbag deployed

Age: 32 years

Stature: 170 cm (5 ft, 7 in)

Gender: Female

Mass: 75 kg (165 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusion, left shoulder	1		Shoulder belt	
Contusion, right hip	1		Center armrest/console	Belt hardware
Contusions, right knee and leg	1		Knee bolster	Vertical console
Contusions, left knee and leg	1		Knee bolster	
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>1</u>			

Occupant: Right front

Age: 35 years

Gender: Male

Restraints: 3-point belt worn; frontal-impact airbag deployed

Stature: 178 cm (5 ft, 10 in)

Mass: 77 kg (170 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Abrasion, forehead above right eyebrow	1		Broken glass	Airbag
Two small lacerations to the pinna of the right ear	1		Broken glass	
Contusion, right side of chest	1		Right-front door interior	Shoulder belt
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>1</u>			



Occupant: Center rear

Restraints: Properly restrained in Evenflo forward-facing child  
safety seat with five point harness; child seat  
properly secured on vehicle seat with vehicle lap belt,  
but tether not used

Age: 17 months

Stature: 81 cm (2 ft, 8 in)

Gender: Female

Mass: 11 kg (24 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Deep 3-cm laceration, right forehead through frontalis muscle to skull	1		Broken glass	Side wing of child safety seat
Abrasion, cornea of right eye	1		Side wing of child safety seat	Broken glass
Multiple small lacerations to face	1		Broken glass	
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>2</u>			

Duplicate columns 1-8  
from the previous card.

Module G 1 Format 0 2  
9 10 11 12

# GENERAL INFORMATION GI-1

## TIME

DATE OF COLLISION

      /       /            

HOUR OF COLLISION  
(24 HOUR CLOCK)

## LOCATION

STATE:                     

STATE FIPS CODE

AREA

- (1) URBAN  
(2) RURAL  
(9) UNKNOWN

## ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO  
(1) YES  
(9) UNKNOWN

ROAD, TOTAL TRAFFIC LANES  
(FOR CASE VEHICLE)

- (1) 1-LANE  
(2) 2-LANES  
(3) 3-LANES  
(4) 4 OR MORE LANES  
(5) DIVIDED, 4 OR MORE LANES  
(6) PARKING LOT/DRIVEWAY  
(7) OTHER:                       
(9) UNKNOWN

INTERSECTING RD, TOTAL LANES  
CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

TYPE OF ROAD SURFACE

- (1) ASPHALT  
(2) CONCRETE  
(3) GRAVEL  
(4) MORE THAN ONE (CIRCLE EACH)  
(7) OTHER:                       
(9) UNKNOWN

ROAD DEFECTS

- (0) NO  
(1) YES  
(9) UNKNOWN

## ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO  
(1) YES  
(9) UNKNOWN

ROAD ALIGNMENT  
VERTICAL PLANE

- (1) LEVEL  
(2) CREST OF HILL  
(3) SLOPE (2%)  
(4) BOTTOM OF HILL  
(9) UNKNOWN

ROAD ALIGNMENT  
HORIZONTAL PLANE

- (1) STRAIGHT  
(2) CURVE  
(3) T - SHAPED  
(4) Y - SHAPED  
(7) OTHER:                       
(9) UNKNOWN

SURFACE COVERING

- (10) DRY  
  
(21) WATER - DAMP  
(22) WATER - WET  
(23) WATER - PUDDLED  
(29) WATER - AMOUNT UNKNOWN  
  
(31) SNOW - LOOSE  
(32) SNOW - PACKED  
(39) SNOW - CONDITION UNKNOWN  
  
(41) ICE  
(51) SLUSH  
(61) SPILLED GRAVEL  
(71) OTHER:                       
(99) UNKNOWN

VISIBILITY LIMITATION  
(FOR CASE VEHICLE)

- (0) NONE  
(1) CLOUDY/DARK  
(2) FOG  
(3) SMOKE  
(4) WINDSHIELD CONDITION  
(5) GLARE  
(6) RAIN  
(7) OTHER:                       
(8) ICE/SNOW  
(9) UNKNOWN

VISIBILITY OBSTRUCTION  
(FOR CASE VEHICLE)

- (0) NONE  
(1) BUILDING  
(2) SIGN  
(3) VEGETATION (E.G. BUSHES, SHRUBS)  
(4) TREE  
(5) HILL OR CURVE IN ROAD  
(6) VEHICLE IN TRANSPORT  
(7) OTHER:                       
(8) PARKED VEHICLE  
(9) UNKNOWN



## GENERAL INFORMATION GI-3

## CRASH DETAILS

## CASE VEHICLE AND OBJECT

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
47

## CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER  
(1) YES, FIRST EVENT  
(2) YES, SUBSEQUENT EVENT  
(3) YES, SEQUENCE UNKNOWN  
(9) UNKNOWN

0  
48

CASE VEHICLE RAN OFF ROADWAY  
(BEFORE FIRST IMPACT)

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
49

MOVING CASE VEHICLE AND  
CONTACTED MOVING VEHICLE

- (0) NO  
(1) YES  
(9) UNKNOWN

1  
50

CASE VEHICLE AND  
CONTACTED STOPPED VEHICLE

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
51

STOPPED CASE VEHICLE AND  
CONTACTED VEHICLE

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
52

TOTAL NUMBER  
OF VEHICLES CONTACTED  
BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE  
(9) UNKNOWN

1  
53

ANY FIRE IN THIS CRASH  
(NOT JUST CASE VEHICLE)

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
54

HIGHEST POLICE INJURY  
SEVERITY CODE IN CRASH  
(NOT JUST CASE VEHICLE)

- (0) O - NO INJURY  
(1) C - POSSIBLE INJURY  
(2) B - NON-INCAPACITATING INJURY  
(3) A - INCAPACITATING INJURY  
(4) K - FATAL  
(5) INJURED, SEVERITY UNKNOWN  
(6) DIED PRIOR TO ACCIDENT  
(7) NON-FATAL INJURY  
SEVERITY UNKNOWN  
(9) UNKNOWN

3  
55

## DRIVER IMPAIRMENT

DRIVER ALCOHOL INVOLVEMENT  
(CASE VEHICLE)

- (0) NONE  
(1) YES  
(9) UNKNOWN/NOT REPORTED/  
NO DRIVER

0  
56

DRIVER ALCOHOL BAC  
(CASE VEHICLE)

- (80) NO TEST  
(90) CHEMICAL TESTS, NO RESULTS  
(95) AUTOPSY, NO RESULTS  
(99) UNKNOWN

8 0  
57 58

WAS THERE MENTION OF DRIVER  
IMPAIRMENT FOR CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
59

## LIST IMPAIRMENTS MENTIONED:

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## POST - CRASH DETAIL

MANNER CASE VEHICLE  
LEFT SCENE

- (1) DRIVEN  
(2) TOWED DUE TO DAMAGE  
(3) TOWED, NOT DUE TO DAMAGE  
(4) TOWED, REASON UNKNOWN  
(9) UNKNOWN

2  
60

# ACCIDENT SCHEMATIC

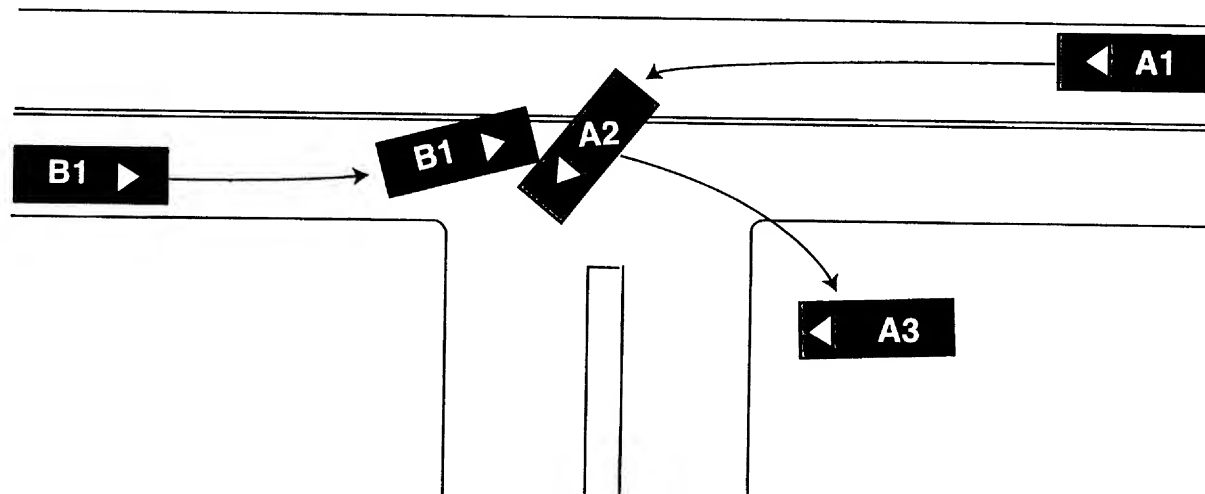
ACCIDENT DESCRIPTION: Case vehicle (A) was traveling south and attempted to make a left turn. Vehicle (B) was unable to stop and struck case vehicle (A) in the right side with its right-front.

CASE VEHICLE (A): 1998 Nissan Altima  
 OTHER VEHICLE (B): 1998 Chevrolet Blazer  
 THIRD VEHICLE (C): \_\_\_\_\_

G-4



NORTH



Duplicate columns 1-8  
from the previous card.

Module O V Format 0 4  
9 10 11 12

OTHER VEHICLE OV-1

MAKE: Chevrolet  
MODEL: Blazer 4x2, 4-door APV

CARGO: \_\_\_\_\_

VIN 1 G N C S 1 3 W 2 W 2 [REDACTED]  
13 29

MANUFAC/BODY CODE 1 1 3 1 5  
30 34

MAKE/MODEL CODE 2 9 3 3  
38

MODEL YEAR 1 9 9 8  
39 42

VEHICLE MASS (kg) 0 0 1 6 6 5  
43 48

IF SEPARATE REPORT WAS MADE,  
GIVE VEHICLE NUMBER 0

NUMBER OF OCCUPANTS 0 3  
(ENTER 9'S IF UNKNOWN) 51

TRAVELING SPEED (km/h) 9 9 9  
54

- (000) PARKED OR STOPPED  
(995) JUST STARTING UP  
(996) BACKING UP  
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
(998) SPEED EXCESSIVE (BUT UNKNOWN)  
(999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY  
CODE FOR THIS VEHICLE

- (0) O - NO INJURY  
(1) C - POSSIBLE INJURY  
(2) B - NON-INCAPACITATING INJURY  
(3) A - INCAPACITATING INJURY  
(4) K - FATAL  
(5) INJURED, SEVERITY UNKNOWN  
(6) DIED PRIOR TO ACCIDENT  
(7) NON-FATAL INJURY  
SEVERITY UNKNOWN  
(8) UNOCCUPIED VEHICLE  
(NOT APPLICABLE)  
(9) UNKNOWN

0  
55

#### VEHICLE TYPE

##### PASSENGER VEHICLE

- (02) LARGE  
(03) LIMOUSINE  
(17) PICKUP CAR  
(20) UNKNOWN PASSENGER VEHICLE BODY  
(24) SUB-MINI  
(25) MINI  
(26) SUB-COMPACT  
(27) COMPACT  
(28) INTERMEDIATE  
(29) FULL

1 5  
56 57

##### MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)  
(15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)  
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
(17) PICKUP CAR WITH CANOPY/SHELL COVER  
(21) MOTOR HOME  
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
(23) PICKUP CAR WITH SLIDE-IN CAMPER  
(31) CHASSIS-MOUNTED CAMPER

##### TRUCK

- (11) VAN  
(12) PICKUP TRUCK  
(13) UNKNOWN LIGHT TRUCK  
(15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
(30) UNKNOWN TRUCK TYPE  
(31) CHASSIS-MOUNTED CAMPER  
(33) DELIVERY VAN (WALK-IN)  
(34) STRAIGHT TRUCK  
(35) TRUCK-TRACTOR (BOBTAIL)  
(36) CHASSIS-CAB  
(37) UNKNOWN HEAVY TRUCK  
(38) TRACTOR & SEMI-TRAILER (SEMI)  
(39) TRUCK (OR SEMI) & FULL TRAILER(S)

##### BUS

- (40) UNKNOWN BUS TYPE  
(41) SCHOOL BUS  
(42) INTERCITY BUS (BETWEEN CITIES)  
(43) TRANSIT BUS (INTRACITY)  
(44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)  
(69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)  
(999) UNKNOWN

272  
58 59 60

Duplicate columns 1-8  
from the previous card.

Module 0 V Format 0 2  
9 10 11 12

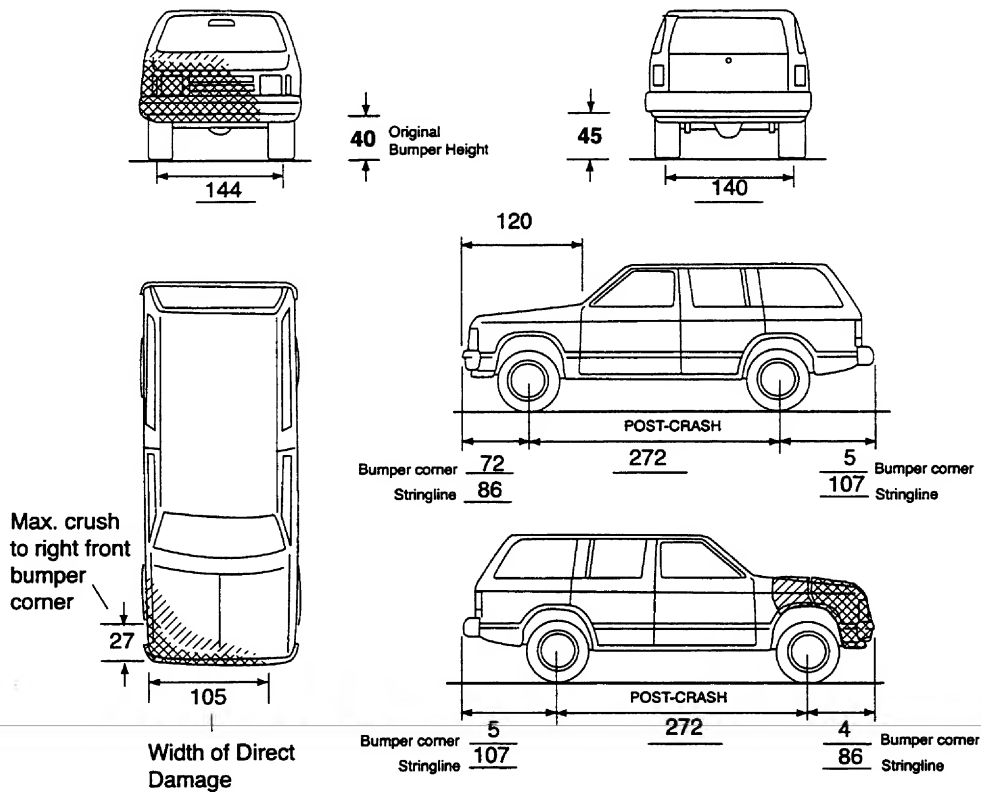
OTHER VEHICLE OV-2

### ORIGINAL SPECIFICATIONS

Wheelbase	<u>272</u> cm	Front Overhang	<u>0</u> <u>8</u> <u>8</u> cm
			22 24
Curb Weight	<u>1665</u> kg	Rear Overhang	<u>1</u> <u>0</u> <u>6</u> cm
			25 27
Average Track Width	<u>1</u> <u>4</u> <u>2</u> cm	Undeformed End Width (UEW)	<u>1</u> <u>5</u> <u>0</u> cm
	13 15		28 30
Overall Length	<u>4</u> <u>6</u> <u>6</u> cm	Engine Displacement	<u>4</u> <u>3</u> L
	16 18		31 32
Overall Width (OAW)	<u>1</u> <u>7</u> <u>2</u> cm	Engine: # of Cylinders	<u>0</u> <u>6</u>
	19 21		33 34

### VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



### FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 1 0 5 cm

35 37

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$

7 0 %

38 39

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$

6 7 %

40 41

Duplicate columns 1-8  
from the previous card.

Module V D Format 0 4  
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: NISSAN  
MODEL: Altima GXE, 4-door sedan

CARGO: Child Seat - 30 lb  
(14 kg)

VIN 1 N 4 D L 0 1 D 8 W C [REDACTED]

MANUFAC/BODY CODE 1 8 5 2 7  
30 34

MAKE/MODEL CODE 1 5 5 9  
38

MODEL YEAR 1 9 9 8  
39 42

VEHICLE MASS (kg) 0 0 1 3 0 4  
43 48

ODOMETER (km)  
(ENTER 9'S IF UNKNOWN) 0 6 7 2 3 5  
(ENTER 8'S IF ELECTRONIC) 49 54

NUMBER OF OCCUPANTS 0 3  
(ENTER 9'S IF UNKNOWN) 56

TRAVELING SPEED (km/h) 9 9 9  
59

(000) PARKED OR STOPPED  
(995) JUST STARTING UP  
(996) BACKING UP  
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
(998) SPEED EXCESSIVE (BUT UNKNOWN)  
(999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)  
(12) 2-DOOR SEDAN OR COUPE  
(ANY UPPER B-PILLAR)  
(13) 4-DOOR HARDTOP  
(14) 4-DOOR SEDAN  
(15) STATION WAGON  
(16) CONVERTIBLE  
(18) OTHER PASS. VEH. :  
(19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)  
(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
(23) VAN, SIZE UNKNOWN  
(24) VAN, SMALL (MINI)  
(25) VAN, LARGE  
(29) MPV, TYPE UNKNOWN  
(30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN  
(32) PICKUP TRUCK, SMALL (DOWNSIZED)  
(33) PICKUP TRUCK, LARGE

(99) UNKNOWN

STOLEN VEHICLE

- (0) NO  
(1) YES  
(8) NOT COLLECTED  
(9) UNKNOWN

BODY STRUCTURE

- (1) BODY & FRAME  
(2) UNITIZED  
(3) INTEGRAL-STUB FRAME  
(4) BODY & PLATFORM FRAME  
(E.G. VW BUG)  
(5) PARTIALLY UNITIZED  
(7) OTHER:                       
(9) UNKNOWN

TRANSMISSION

- (0) NONE  
(1) AUTOMATIC  
(2) MANUAL  
(9) UNKNOWN

LOCATION OF TRANSMISSION  
SELECTOR LEVER

- (1) FLOOR  
(2) CONSOLE  
(3) COLUMN  
(7) OTHER:                       
(9) UNKNOWN

STEERING

- (1) POWER  
(2) MANUAL  
(9) UNKNOWN

BRAKES

- (1) POWER  
(2) MANUAL  
(9) UNKNOWN

8  
62

2  
63

1  
64

2  
65

1  
66

1  
67



TYPE OF BRAKES

- (1) DRUM, ALL WHEELS
- (2) DISC, FRONT WHEELS
- (3) DISC, ALL WHEELS
- (9) UNKNOWN

2  
68

WHEELBASE (cm)  
(999) Unknown

262  
76 77 78

BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED
- (1) TWO-WHEEL
- (2) FOUR-WHEEL
- (7) EQUIPPED, UNKNOWN WHEELS
- (9) UNKNOWN

2  
69

PLASTIC ANTI-LACERATIVE  
INNER LAYER GLASS EQUIPPED

- (0) NONE
- (1) WINDSHIELD
- (2) WINDSHIELD AND SIDE
- (7) OTHER
- (9) UNKNOWN

0  
79

AIR CONDITIONING IN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8  
70

TYPE OF DRIVE

- (1) REAR WHEEL
- (2) FRONT WHEEL
- (3) FOUR WHEEL
- (4) ALL WHEEL DRIVE
- (9) UNKNOWN

2  
71

FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.

EXAMPLES:

DUAL REAR WHEELS

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
72

ORIGINAL TYPE  
OF RESTRAINT SYSTEM

- (1) ACTIVE BELT
- (2) PASSIVE BELT
- (3) AIRBAG
- (4) KNEE BOLSTERS
- (7) OTHER: \_\_\_\_\_
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

3  
73

EQUIPPED WITH ROLL BAR

- (0) NO
- (1) YES
- (9) UNKNOWN

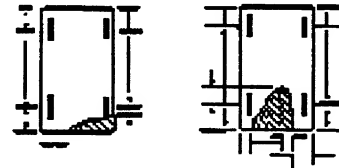
0  
74

TYPE OF ROOF

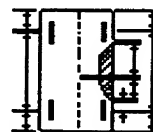
- (0) NONE
- (1) SOLID
- (2) T-TOP CLOSED
- (3) T-TOP OPEN
- (4) SUN ROOF CLOSED
- (5) SUN ROOF OPEN
- (6) CONVERTIBLE CLOSED
- (7) CONVERTIBLE OPEN
- (8) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
75

FRONT OR REAR



SIDE



ROOF (REFERENCE TO  
TOP OF DOOR SILL  
OR WINDOW SILL)



Duplicate columns 1-8  
from the previous card.

Module V D Format 0 2  
9 10 11 12

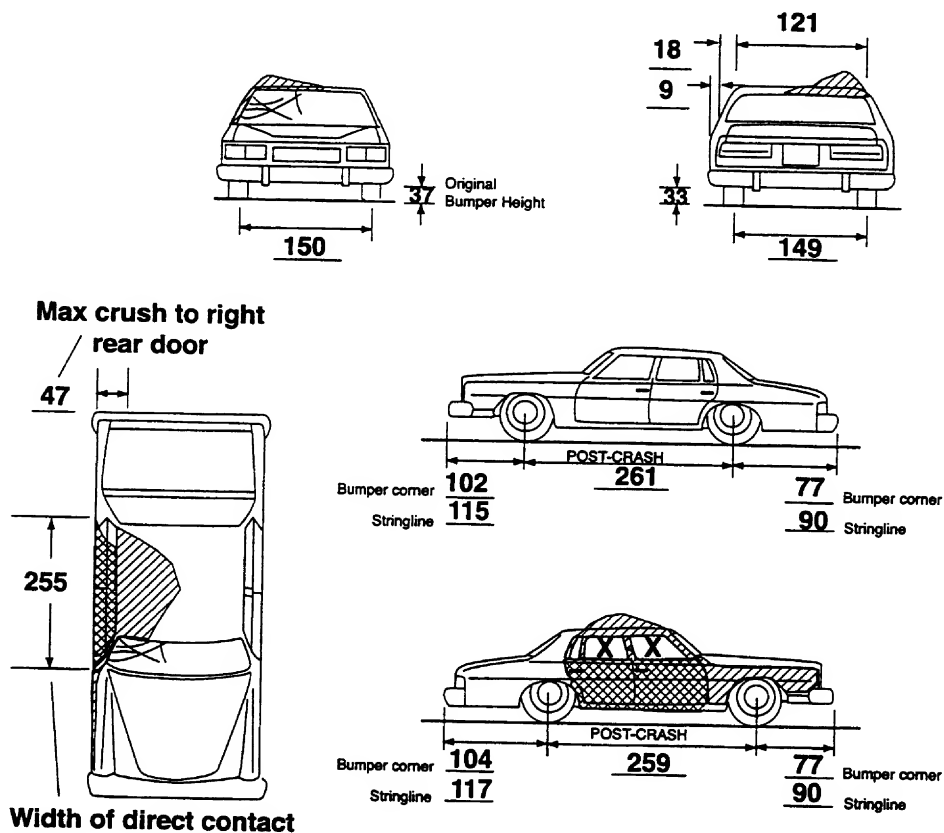
## VEHICLE DESCRIPTION VD-3

### ORIGINAL SPECIFICATIONS

Wheelbase	<u>262</u> cm	Front Overhang	<u>0</u> <u>9</u> <u>5</u> cm 22 24
Curb Weight	<u>1304</u> kg	Rear Overhang	<u>1</u> <u>1</u> <u>0</u> cm 25 27
Average Track Width	<u>1</u> <u>5</u> <u>0</u> cm 13 15	Undeformed End Width (UEW)	<u>1</u> <u>5</u> <u>4</u> cm 28 30
Overall Length	<u>4</u> <u>6</u> <u>6</u> cm 16 18	Engine Displacement	<u>2</u> <u>4</u> L 31 32
Overall Width (OAW)	<u>1</u> <u>7</u> <u>5</u> cm 19 21	Engine: # of Cylinders	<u>0</u> <u>4</u> 33 34

### VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



### FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 9 9 9 cm  
35 37

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$  9 9 %  
38 39

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$  9 9 %  
40 41

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 2  
9 10 11 12

DAMAGE DA-1

## PRIMARY

CASE VEHICLE PRIMARY CDC

CONTACTED VEHICLE ASSOCIATED CDC

EVENT NUMBER

1  
13

IMPACT SPEED (km/h)

999  
14 15 16

ESTIMATED BY

1  
17

CRUSH (cm)

047  
18 19 20

CDC #1

02RPAW.4  
21 27

CDC #2

98.0000.0  
28 34

999  
35 36 37

1  
38

027  
39 40 41

12.FDEW.2  
42 48

98.0000.0  
49 55

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 3  
9 10 11 12

## SECONDARY

CASE VEHICLE SECONDARY CDC

CONTACTED VEHICLE ASSOCIATED CDC

EVENT NUMBER

      
13

IMPACT SPEED (km/h)

                
14 15 16

ESTIMATED BY

      
17

CRUSH (cm)

                
18 19 20

CDC #1

                                         
21 27

CDC #2

                                         
28 34

                
35 36 37

      
38

                
39 40 41

                                         
42 48

                                         
49 55

## CODES

EVENT NUMBER

(8) NOT APPLICABLE  
(9) UNKNOWN

IMPACT SPEED

(998) NOT APPLICABLE  
(999) UNKNOWN

IMPACT SPEED ESTIMATOR

(1) INVESTIGATOR  
(2) DRIVER  
(3) POLICE  
(4) "CRASH" PROGRAM  
(5) OTHER COMPUTER PROGRAM  
SPECIFY: \_\_\_\_\_  
(7) OTHER: \_\_\_\_\_  
(8) NOT APPLICABLE  
(NO VEHICLE/NO IMPACT)

CRUSH

(998) NOT APPLICABLE  
(NO VEHICLE/DAMAGE)  
(999) UNKNOWN

CDC

(9800000) NOT APPLICABLE  
(9900000) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 1  
9 10 11 12

DAMAGE DA-2

### MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 0 0 0  
13 15

RIGHT SIDE 0 4 7  
16 18

REAR 0 0 0  
19 21

LEFT SIDE 0 0 0  
22 24

ROOF 0 0 0  
25 27

OTHER 0 0 0  
28 30

### CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER  
IS UNKNOWN, EVENT  
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE  
TO BE IN CHRONOLOGICAL ORDER? 1  
31

(0) NO  
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> 32	<u>4 1</u> 34	<u>1 5</u> 36
#2	<u>      </u> 37	<u>      </u> 39	<u>      </u> 41
#3	<u>      </u> 42	<u>      </u> 44	<u>      </u> 46
#4	<u>      </u> 47	<u>      </u> 49	<u>      </u> 51
#5	<u>      </u> 52	<u>      </u> 54	<u>      </u> 56
#6	<u>      </u> 57	<u>      </u> 59	<u>      </u> 61
#7	<u>      </u> 62	<u>      </u> 64	<u>      </u> 66

CODES FOR  
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

## OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

## ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

## UNKNOWN

- (99) IMPACT TYPE UNKNOWN

## CODES FOR VEHICLE/OBJECT CONTACTED

## VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

## PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZEWHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

## MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

## TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

## BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

## MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

## SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

## OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING  
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM  
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE  
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES



Duplicate columns 1-8  
from the previous card.

Module C R Format 0 1  
9 10 11 12

# CRASH RECONSTRUCTION CR-1

for  $\Delta V$

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE		CASE VEHICLE	CONTACTED VEHICLE	
EVENT NUMBER	<u>1</u> 13			<u>47</u>		
$\Delta V$ (km/h) TOTAL	<u>038</u> 14 15 16	<u>030</u> 32 33 34		<u>    </u> 48 49 50	<u>    </u> 66 67 68	
LONGITUDINAL*	<u>-019</u> 17 20	<u>-030</u> 35 38		<u>    </u> 51 54	<u>    </u> 69 72	
LATERAL*	<u>-033</u> 21 24	<u>-005</u> 39 42		<u>    </u> 55 58	<u>    </u> 73 76	
*NOTE: THESE $\Delta V$ COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = $\pm 010$ -7 km/h = $-007$						
ENERGY DISSIPATED BY CRUSH (kj)	<u>0120</u> 25 28	<u>0040</u> 43 46		<u>    </u> 59 62	<u>    </u> 77 80	
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30			<u>63 64</u>		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRIDE/ OVERRIDE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE						
(1) CDC ONLY						
(2) CDC & DETAILED DAMAGE	<u>2</u> 31			<u>65</u>		
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>						



Duplicate columns 1-8  
from the previous card.

Module C R Format 0 2  
9 10 11 12

# CRASH RECONSTRUCTION CR-2

for EBS

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE		CASE VEHICLE	CONTACTED VEHICLE	
EVENT NUMBER	<u>1</u> 13			<u>47</u>		
EBS (km/h) TOTAL	<u>050</u> 14 15 16	<u>033</u> 32 33 34		<u>    </u> 48 49 50	<u>    </u> 66 67 68	
LONGITUDINAL*	<u>-025</u> 17 20	<u>-032</u> 35 38		<u>    </u> 51 54	<u>    </u> 69 72	
LATERAL*	<u>-043</u> 21 24	<u>-006</u> 39 42		<u>    </u> 55 58	<u>    </u> 73 76	
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = ± 010 -7 km/h = - 007						
ENERGY DISSIPATED BY CRUSH (kj)	<u>0120</u> 25 28	<u>0040</u> 43 46		<u>    </u> 59 62	<u>    </u> 77 80	
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30			<u>    </u> 63 64		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRIDE/OVERRIDE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE						
(1) CDC ONLY						
(2) CDC & DETAILED DAMAGE	<u>2</u> 31			<u>    </u> 65		
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WINSHASH</u>						

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 3  
9 10 11 12

# CRASH RECONSTRUCTION CR-3

## NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3.  $D$  IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

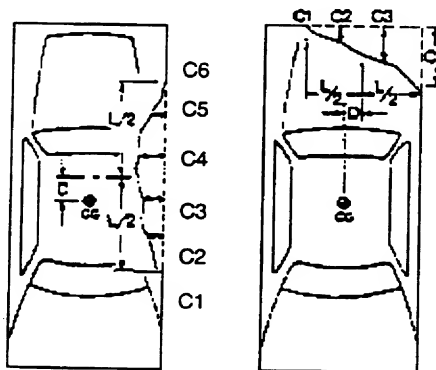
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	109cm rear of Rt Fx B C	same

## PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown



DL \_\_\_\_\_

UDL \_\_\_\_\_

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	±D
		Length (DDL)	Max Crush								
1	4	255	47	255	0	24	47	41	26	0	-18
1	4	255	047	255	000	024	047	041	026	000	-018
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 4  
9 10 11 12

# CRASH RECONSTRUCTION CR-4

- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
  2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
  3.  $D$  IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
  4. USE THE CENTER OF THE WHEELBASE AS THE CG.

OTHER VEHICLE

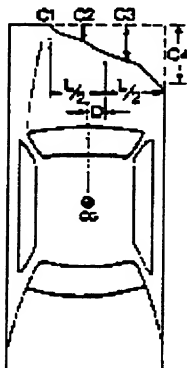
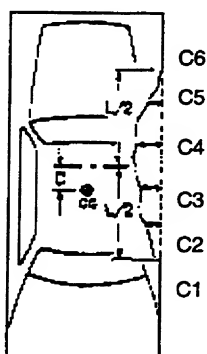
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	45cm uncontacted begin 4 Ft BC	Ft. bumper BC to BC

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown



UEW = 150

DL 105

UDL 45

150 = RW

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	±D
		Length (DDL)	Max Crush								
1	1	105	37	149	14	7	10	22	19	37	+13
			-10		-10	-4	-0	-0	-4	-10	
1	1	105	027	149	004	003	010	022	015	027	+013
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8  
from the previous card.

Module W T Format 0 1  
9 10 11 12

# WHEELS AND TIRES

WT-1

## WHEELS--DAMAGED

- (0) NO  
(1) YES  
(9) UNKNOWN

LF 0  
13

RF 0

RR 0

LR 0  
16

## TIRE TREAD TYPE

- (1) REGULAR  
(2) SNOW  
(3) SLICKS  
(4) ALL WEATHER (MS)  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF 4  
17

RF 4

RR 4

LR 4  
20

## CARCASS CONSTRUCTION

- (1) BIAS  
(2) BELTED BIAS  
(3) RADIAL  
(4) ELLIPTICAL  
(5) HI PRESSURE SPARE  
(6) SPACE SAVER SPARE  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF 3  
21

RF 3

RR 3

LR 3  
24

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P19565R15  
25

RF \_\_\_\_\_  
35

RR \_\_\_\_\_  
4

LR ↓  
55

IF VEHICLE IS EQUIPPED WITH DUAL  
WHEELS, COMPLETE FOR OUTER WHEELS  
AND MAKE NOTES ON INNER WHEELS.

NOTES: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Duplicate columns 1-8  
from the previous card.

Module F T Format 0 1  
9 10 11 12

## FUEL AND FUEL TANKS FT-1

<b>TYPE OF PROPULSIVE FUEL</b> (1) GASOLINE (2) DIESEL OIL (3) LPG (4) ELECTRIC (7) OTHER: _____ (9) UNKNOWN	<u>1</u> 13	<b>AUXILIARY TANK TYPE</b> (1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>8</u> 21
<b>MAIN TANK LOCATION</b>	<u>3 2 2</u> 14 16	<b>AUXILIARY TANK LOCATION</b>	<u>8 8 8</u> 22 24
<b>MAIN FILLER CAP LOCATION</b>	<u>1 1 3</u> 17 19	<b>AUXILIARY FILLER CAP LOCATION</b>	<u>8 8 8</u> 25 27
<b>MAIN TANK MATERIAL</b>	<u>1</u> 20	<b>AUXILIARY TANK MATERIAL</b>	<u>8</u> 28

### TANK AND FILLER CAP LOCATION CODES

#### FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

#### SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

#### THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F L Format 0 1  
9 10 11 12

FUEL LEAKAGE FL-1

# DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.

0  
13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	<u>    </u> <u>    </u> 14 15	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 21
#2	<u>    </u> <u>    </u> 22 23	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 29
#3	<u>    </u> <u>    </u> 30 31	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 37
#4	<u>    </u> <u>    </u> 38 39	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 45
#5	<u>    </u> <u>    </u> 46 47	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 53

## I LEAKING COMPONENT

### TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

### DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

### EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

### EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN
- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

## II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

## III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## V LOCATION OF LEAK

### FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

### SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F R Format 0 1  
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

(1) YES COMPLETE PAGE.

0  
13

DID FIRE START IN CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

—  
14

SEVERITY OF FIRE DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (9) UNKNOWN

—  
16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
- (2) SLOW/MODERATE
- (9) UNKNOWN

—  
15

DID AN INJURY TO CASE  
VEHICLE OCCUPANT RESULT FROM  
FIRE IN OR ON CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

—  
17

PROVIDE NOTES IF FIRE OCCURRED.

## HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

HOOD LATCH(ES)- -RELEASED

0  
13

-DAMAGED

0  
14

-JAMMED

8  
15

HOOD HINGES- -LEFT, DAMAGED

0  
16

-LEFT, SEPARATED  
(COMPLETE)

8  
17

-RIGHT, DAMAGED

0  
18

-RIGHT, SEPARATED  
(COMPLETE)

8  
19

HOOD REMAINED ON VEHICLE

1  
20

REAR EDGE OF HOOD- -ELEVATED

0  
21

-CONTACTED WINDSHIELD

0  
22

-PENETRATED WINDSHIELD

8  
23

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
- (2) COWL AREA
- (3) SIDE
- (8) NOT APPLICABLE
- (9) UNKNOWN

1  
24

## ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
25

## STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
- (1) FLEXIBLE MATERIAL
- (2) POT
- (3) SINGLE U-JOINT
- (4) DOUBLE U-JOINT
- (5) FLEXIBLE CABLE
- (6) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (7) OTHER: \_\_\_\_\_
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN, IF EQUIPPED

9  
26

COUPLING-

-DAMAGED

9  
27

(USE CODES  
FROM HOOD  
PERFORMANCE)

-SEPARATED  
(COMPLETE)

9  
28

## ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
- (01) - (07) SEE UNITS ON PAGE ED-2
- (88) NOT COLLECTED
- (97) OTHER: \_\_\_\_\_
- (98) EQUIPPED, TYPE UNKNOWN
- (99) UNKNOWN IF EQUIPPED

8 8  
29 30

ORIGINAL LENGTH (mm)

F (OR H): \_\_\_\_\_

TELESCOPED LENGTH (mm)

G: \_\_\_\_\_

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO  
COMPRESSION
- (992) COMPRESSED, AMOUNT  
UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT  
EQUIPPED)
- (999) UNKNOWN

8 8 8  
31 32 33



## LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 34

## LEFT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION  
 (2) DOOR-LATCH SEPARATION  
 (3) LATCH-STRIKER SEPARATION  
 (4) STRIKER-PILLAR SEPARATION  
 (5) BODY DISTORTION  
 (6) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

0  
 43

-REAR

0  
 44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

0  
 45

-REAR

0  
 46

## LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

0  
 35

LOWER

0  
 36

-B-PILLAR, UPPER

0  
 37

LOWER

0  
 38

-C-PILLAR, UPPER

0  
 39

LOWER

0  
 40

-D-PILLAR, UPPER

8  
 41

LOWER

8  
 42

## REAR DOOR

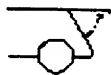
## REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

Hatchback



One-way



Two-way



or



Clamshell



Single door



Double door

HOW DID DOOR  
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

## OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

## DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

0  
47

## OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA  
DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

1  
50

## SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

8  
51

## TRAILER HITCH TYPE

- (0) NO HITCH

## BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

## OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

0  
52

TRAILER TYPE  
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: \_\_\_\_\_
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

0  
53

8  
48

8  
49

## RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 54

## RIGHT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION  
 (02) DOOR-LATCH SEPARATION  
 (03) LATCH-STRIKER SEPARATION  
 (04) STRIKER-PILLAR SEPARATION  
 (05) BODY DISTORTION  
 (06) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (07) OPENED, REASON UNKNOWN  
 (11) VAN RIGHT-REAR DOOR OPENED  
 (ANY MECHANISM)

(98) NOT APPLICABLE (NO DOOR)

(99) UNKNOWN

-FRONT

0 0  
 63 64

-REAR

0 0  
 65 66

## DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

1  
 67

-REAR

1  
 68

## VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR  
 (1) TRACK (SLIDING) - RIGHT SIDE  
 (2) SINGLE-HINGED - RIGHT SIDE  
 (3) DOUBLE-HINGED - RIGHT SIDE  
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE  
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE  
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE  
 (7) TRACK AND HINGED COMBINATION  
 (8) NOT APPLICABLE (NOT A VAN)  
 (9) UNKNOWN

8  
 69

## RIGHT Pillars

Pillars SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

4  
 55

LOWER

4  
 56

-B-PILLAR, UPPER

4  
 57

LOWER

4  
 58

-C-PILLAR, UPPER

4  
 59

LOWER

4  
 60

-D-PILLAR, UPPER

8  
 61

LOWER

8  
 62

Direct

## WINDSHIELD DAMAGE

## WINDSHIELD CRACKED

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

WINDSHIELD BROKEN  
(PLASTIC INTERLAYER TORN)

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

CRACKED OR BROKEN  
BY OCCUPANT CONTACT

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

## EXTENT OF BOND SEPARATION

- (0) NONE  
 (1) 1 - 20%  
 (2) 21 - 40  
 (3) 41 - 60  
 (4) 61 - 80  
 (5) 81 - 99  
 (6) TOTAL  
 (7) SEPARATED, AMOUNT  
 UNKNOWN  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

 $\frac{1}{70}$ 
 $\frac{0}{71}$ 
 $\frac{0}{72}$ 
 $\frac{0}{73}$ 

WINDSHIELD MARK ON CASE VEHICLE:

NISSAN



## WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED  
 (98) NOT APPLICABLE (NO WINDSHIELD)  
 (99) UNKNOWN

 $\frac{97}{74 \ 75}$ 

## ROOF

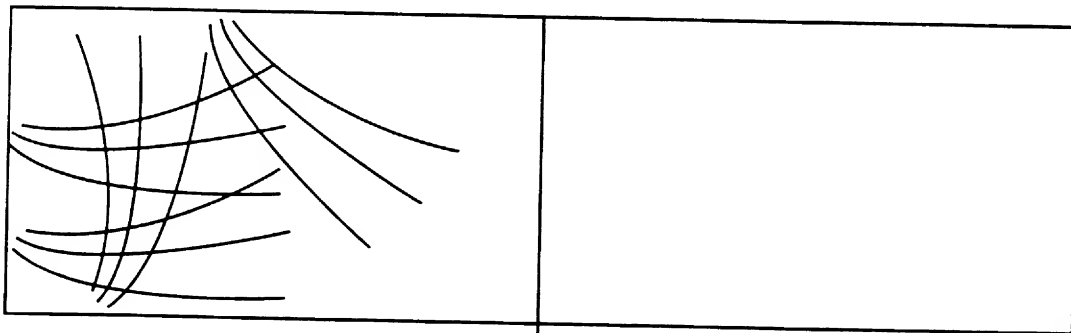
DID T-ROOF/SUN ROOF OPEN  
DURING COLLISION?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (NOT A T-ROOF OR SUN ROOF)  
 (9) UNKNOWN

 $\frac{8}{76}$ 

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL  
 & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.

Cracked due to right upper A-pillar deformation



L

C

R

## STEERING WHEEL

### STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0  
13

### NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4  
14

### STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0  
15

### STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE  
NORMAL TOP OF THE WHEEL POINTED  
WHEN THE COLLISION OCCURRED?

#### EXAMPLES

O'CLOCK = 1 2

O'CLOCK = 0 2



(NORMAL STRAIGHT  
AHEAD)



O'CLOCK = 0 1

(99) UNKNOWN

## STEERING WHEEL ENERGY ABSORBING DEVICE



(1) EXAMPLES:

BARRACUDA, 70 - 74  
CHALLENGER, 70 - 74  
CAPRI, 71 - 77



(2) EXAMPLES:

OMNI, 78 -  
HORIZON, 78 -

## STEERING COLUMN OPTIONS

### TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

2  
16

### SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0  
17

### TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0  
18

### TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: \_\_\_\_\_
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8  
19

### ORIGINAL DIMENSION (mm)

A: \_\_\_\_\_

### DAMAGE DIMENSION (mm)

B: \_\_\_\_\_

### DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT  
COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8  
20 22

## STEERING WHEEL AND COLUMN SC-2

STEERING COLUMN  
ENERGY ABSORBING DEVICE

TYPE OF DEVICE \* (IF 27 OR 28)

- (00) NOT EQUIPPED  
(88) NOT COLLECTED  
(99) UNKNOWN

 $\frac{8}{23} \frac{8}{24}$ 

ORIGINAL LENGTH (mm)

C: \_\_\_\_\_

COMPRESSED LENGTH (mm)

D: \_\_\_\_\_

BRACKET DEFLECTION (IF CODE 36, 48,  
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE:  $\pm 10$ )

- (888) NOT COLLECTED  
(991) NOT MEASURED/NO APPARENT  
COMPRESSION  
(992) COMPRESSED, AMOUNT UNKNOWN  
(993) DEVICE EXTENDED  
(997) UNABLE TO BE MEASURED  
(998) NOT APPLICABLE (NOT EQUIPPED)  
(999) UNKNOWN

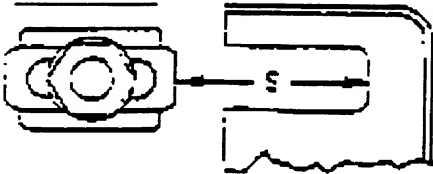
 $\frac{8}{25} \frac{8}{26} \frac{8}{27}$ 

\* (ADD A &amp; B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT &amp; RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED  
(991) NOT MEASURED/NO APPARENT  
SEPARATION  
(992) SEPARATED, AMOUNT UNKNOWN  
(997) UNABLE TO BE MEASURED  
(998) NOT APPLICABLE (NOT EQUIPPED)  
(999) UNKNOWN

 $\frac{8}{28} \frac{8}{29} \frac{8}{30}$ 

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION  
(1) UPWARD APPARENT ROTATION  
(2) DOWNWARD APPARENT ROTATION  
(9) UNKNOWN

 $\frac{0}{31}$ 

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION  
(1) LEFT APPARENT ROTATION  
(2) RIGHT APPARENT ROTATION  
(9) UNKNOWN

 $\frac{0}{32}$ 

## STEERING WHEEL (CONTINUED)

## STEERING WHEEL HUB DAMAGE

- (0) NONE  
(1) OCCUPANT CONTACT  
(2) AIRBAG  
(3) OTHER \_\_\_\_\_  
(9) UNKNOWN

 $\frac{0}{33}$

**This page left intentionally blank.**

1 = Definitely 2 = Probably 3 = Possible

## INTRUSION IT-1

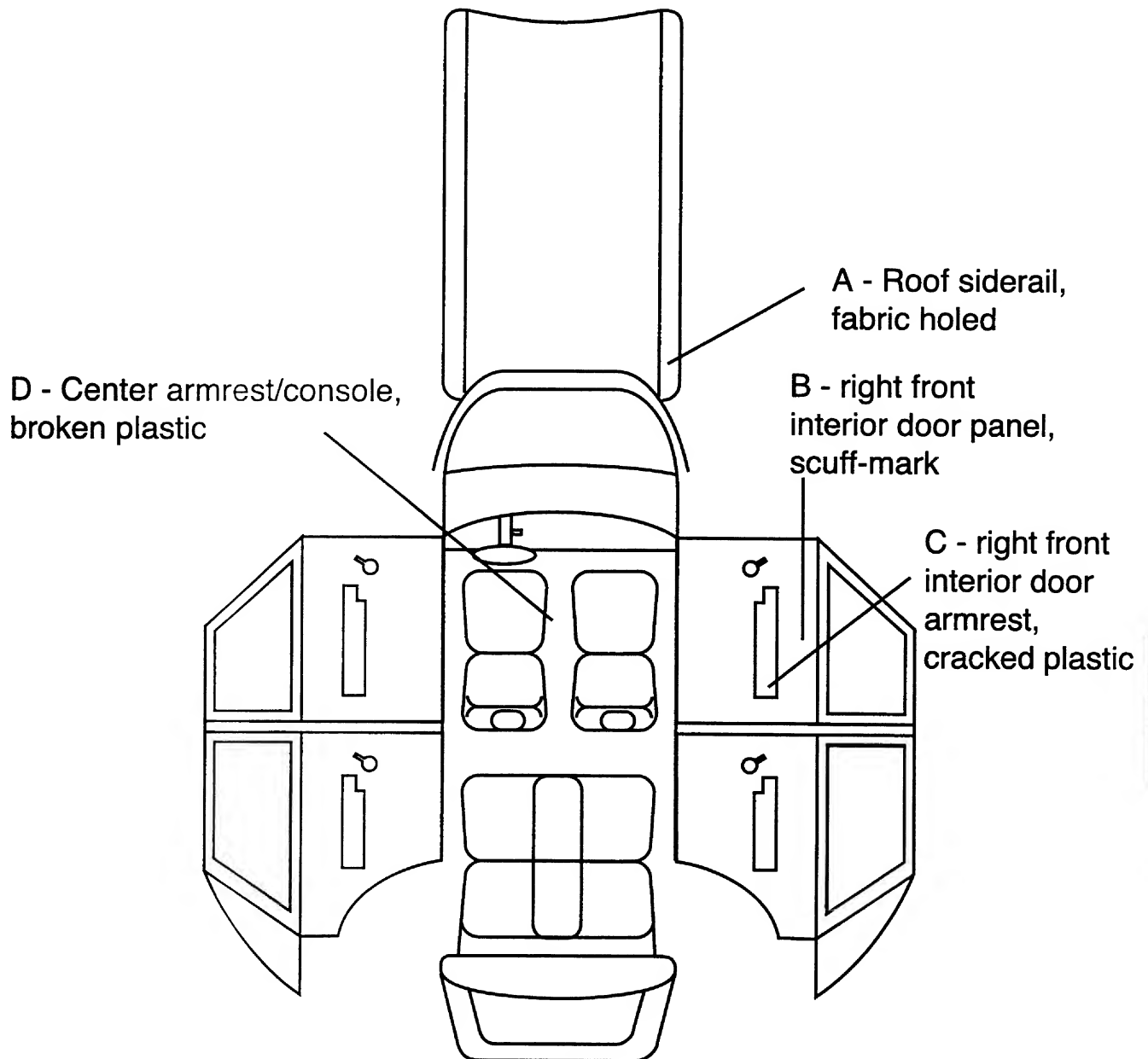
Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
13	RF Door	139	–	114	= 25	Y
13	Roof siderail	102	–	95	= 7	Y
13	B-pillar	131	–	107	= 26	Y
13	A-pillar	113	–	113	= 0	Y
			–		=	
12	Right front seatback	78	–	64	= 14	Y
			–		=	
23	Roof siderail	101	–	92	= 9	Y
23	C-pillar	125	–	114	= 11	Y
23	RR Door	141	–	107	= 34	Y
23	Sill	134	–	127	= 7	Y
			–		=	

## OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Roof siderail	RF	Head/arm	Fabric holed	3
B	RF door	RF	Rt. side	Scuff-mark	1
C	RF door armrest	RF	Rt. hip	Cracked plastic	1
D	Center armrest/console	DR	Rt. hip	Broken plastic	1
E					
F					
G					
H					
I					
J					



## VEHICLE OCCUPANT CONTACT DIAGRAM



## CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

## FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

## SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- |                          |                  |                         |   |
|--------------------------|------------------|-------------------------|---|
| (1) LEFT                 | (3) RIGHT        | .....                   | INDIVIDUAL SEAT                               |
| (1) LEFT                 | (2) CENTER       | (3) RIGHT               | ..... BENCH: FULL WIDTH 3 PASSENGER           |
| (1) LEFT                 | (2) LEFT CENTER  | (6) RIGHT CENTER        | (3) RIGHT ..... BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT                 | (2) CENTER       | (5) RIGHT & AISLE SPACE | ..... BENCH: PARTIAL WIDTH, LEFT              |
| (0) LEFT & SPACE         | (2) CENTER       | (5) RIGHT & SPACE       | ..... BENCH: PARTIAL WIDTH, CENTERED          |
| (4) ENTIRE VEHICLE WIDTH | ..... CARGO AREA |                         |   |

## EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR  
5 PASSENGERS

X	X	11	13
X	X	21	22 23

VAN  
12 PASSENGER CAPACITY

X	X	11	13
X	X	X	21 22 25
X	X	X	31 32 35
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
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X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X		

## CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)  
(Y) Y-AXIS (LATERAL)  
(Z) Z-AXIS (VERTICAL)

## CODES FOR COLUMNS G, H, I &amp; J, OCCUPANT &amp; INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT



## CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

## INDIVIDUAL COMPONENT

## INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/  
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

## EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER  
COMPARTMENT BUT PART  
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,  
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

## GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS  
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- |                        |                         |
|------------------------|-------------------------|
| (50) WINDSHIELD HEADER | (60) ROOF               |
| A-PILLAR               | ROOF RAIL               |
| ROOF SIDE RAIL         | A-PILLAR                |
| (51) INSTRUMENT PANEL  | B-PILLAR                |
| A-PILLAR               | C-PILLAR                |
| DOOR PANEL             | WINDOW FRAME            |
| (52) INSTRUMENT PANEL  | DOOR PANEL              |
| A-PILLAR               | FLOOR PAN               |
| WINDSHIELD HEADER      | (61) INSTRUMENT PANEL   |
| (53) DOOR PANEL        | TOE PAN                 |
| B-PILLAR               | WINDSHIELD HEADER       |
| ROOF RAIL              | A-PILLAR                |
| (54) DOOR PANEL        | ROOF RAIL               |
| A-PILLAR               | WINDOW FRAME            |
| ROOF RAIL              | DOOR PANEL              |
| (55) INSTRUMENT PANEL  | ROOF                    |
| FLOOR PAN              | (62) ROOF               |
| A-PILLAR               | ROOF RAIL               |
| DOOR FRAME             | C-PILLAR                |
| (56) ROOF RAIL         | WINDOW FRAME            |
| A-PILLAR               | FLOOR PAN               |
| B-PILLAR               | SECOND SEAT             |
| WINDOW FRAME           | DOOR PANEL              |
| (57) ROOF RAIL         | (63) ROOF RAIL          |
| A-PILLAR               | ROOF                    |
| B-PILLAR               | B-PILLAR                |
| C-PILLAR               | WINDOW FRAME            |
| DOOR PANEL             | FLOOR PAN               |
| (58) ROOF              | DOOR PANEL              |
| ROOF RAIL              | SECOND SEAT             |
| WINDOW FRAME           | FRONT SEAT              |
| DOOR PANEL             | (64) ROOF RAIL          |
| (59) BACKLIGHT HEADER  | ROOF OR CONVERTIBLE TOP |
| ROOF                   | A-PILLAR                |
| C-PILLAR               | B-PILLAR                |
| THIRD SEAT-BACK        | WINDOW FRAME            |
|                        | WINDOW HEADER           |
|                        | (65) WINDSHIELD         |
|                        | WINDSHIELD HEADER       |
|                        | ROOF SIDE RAIL          |
|                        | (66) WINDSHIELD         |
|                        | WINDSHIELD HEADER       |
|                        | A-PILLAR                |
|                        | (98) NOT APPLICABLE     |
|                        | (99) UNKNOWN            |

Duplicate columns 1-8 from the previous card.		Module <u>1</u> <u>1</u> 9 10		Format <u>0</u> <u>1</u> 11 12		INTRUSION IT-5					
WAS THERE OCCUPANT COMPARTMENT INTRUSION? <u>1</u> 13						WAS INTRUSION CATASTROPHIC? <u>0</u> 14					
(0) NO <u>DO NOT ANSWER NEXT QUESTION. SKIP PAGE.</u> (1) YES <u>ANSWER NEXT QUESTION.</u> (9) UNKNOWN <u>SKIP PAGE.</u>						(0) NO <u>COMPLETE PAGE.</u> (1) YES <u>SKIP PAGE.</u>					
Duplicate columns 1-8 from the previous card.		Module <u>1</u> <u>1</u> 9 10		Format <u>0</u> <u>2</u> 11 12							
NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.											
INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES. CODES FOR B, F, G, H, I, J ON PAGE IT-3 CODES FOR C ON PAGE IT-4											
							OCCUPANT CONTACT AND INJURY				
A B C D E F G INTRUSION OCC. INTRUDING ASSOC. MAXIMUM MAXIMUM MAXIMUM NUMBER SPACE NO. COMPONENT EVENT INTRUSION INTRUSION INTRUSION X AXIS (cm) Y AXIS (cm) Z AXIS (cm)							H I OCCUPANT INJURY NUMBER NUMBER		J K OCCUPANT INJURY NUMBER NUMBER		
13-14 15-16 17-18 19 20-21 22-23 24-25							26-27 28-29		30-31 32-33		
<u>0 1</u> <u>1 2</u> <u>1 7</u> <u>1</u> <u>0 0</u> <u>1 4</u> <u>0 0</u>							<u>0 0</u> <u>0 0</u>		<u>0 0</u> <u>0 0</u>		
<u>0 2</u> <u>1 3</u> <u>1 1</u> <u>1</u> <u>0 0</u> <u>2 6</u> <u>0 0</u>							<u>0 0</u> <u>0 0</u>		<u>0 0</u> <u>0 0</u>		
<u>0 3</u> <u>1 3</u> <u>0 9</u> <u>1</u> <u>0 0</u> <u>2 5</u> <u>0 0</u>							<u>0 2</u> <u>0 3</u>		<u>0 0</u> <u>0 0</u>		
<u>0 4</u> <u>1 3</u> <u>1 4</u> <u>1</u> <u>0 0</u> <u>0 7</u> <u>0 0</u>							<u>0 0</u> <u>0 0</u>		<u>0 0</u> <u>0 0</u>		
<u>0 5</u> <u>2 3</u> <u>0 9</u> <u>1</u> <u>0 0</u> <u>3 4</u> <u>0 0</u>							<u>0 0</u> <u>0 0</u>		<u>0 0</u> <u>0 0</u>		
<u>0 6</u> <u>2 3</u> <u>1 2</u> <u>1</u> <u>0 0</u> <u>1 1</u> <u>0 0</u>							<u>0 0</u> <u>0 0</u>		<u>0 0</u> <u>0 0</u>		
<u>0 7</u> <u>2 3</u> <u>1 4</u> <u>1</u> <u>0 0</u> <u>0 9</u> <u>0 0</u>							<u>0 0</u> <u>0 0</u>		<u>0 0</u> <u>0 0</u>		
NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.											
Duplicate columns 1-8 from the previous card.		Module <u>1</u> <u>1</u> 9 10		Format <u>0</u> <u>3</u> 11 12							
NOTE: IF NO SIDE DOOR INTRUSION, SKIP REMAINDER OF PAGE.											
SIDE DOOR INTRUSION RESULTED FROM											
INTRUSION NUMBER CAUSE											
CODES FOR CAUSE:											
(1) DIRECT IMPACT											
(2) INDUCED DAMAGE											
(9) UNKNOWN											
IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED DOOR INTRUSION, CODE COMPONENT											
INTRUSION NUMBER DAMAGED COMPONENT 1 DAMAGED COMPONENT 2 CODES FOR COMPONENTS											
(0) NONE											
(1) A-PILLAR											
(2) B-PILLAR											
(3) C-PILLAR											
(4) LATCH/STRIKER											
(5) HINGES											
(7) OTHER: _____											
(8) NOT APPLICABLE											
(9) UNKNOWN											

Duplicate columns 1-8  
from the previous card.

Module 1 T Format 0 2  
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

-- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.  
CODES FOR B, F, G, H, I, J ON PAGE IT-3  
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 8</u>	<u>2 3</u>	<u>3 0</u>	<u>1</u>	<u>0 0</u>	<u>0 7</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>
<u>0 9</u>	---	---	---	---	---	---	---	---	---	---
<u>1 0</u>	---	---	---	---	---	---	---	---	---	---
<u>1 1</u>	---	---	---	---	---	---	---	---	---	---
<u>1 2</u>	---	---	---	---	---	---	---	---	---	---
<u>1 3</u>	---	---	---	---	---	---	---	---	---	---
<u>1 4</u>	---	---	---	---	---	---	---	---	---	---
<u>1 5</u>	---	---	---	---	---	---	---	---	---	---
<u>1 6</u>	---	---	---	---	---	---	---	---	---	---
<u>1 7</u>	---	---	---	---	---	---	---	---	---	---
<u>1 8</u>	---	---	---	---	---	---	---	---	---	---
<u>1 9</u>	---	---	---	---	---	---	---	---	---	---
<u>2 0</u>	---	---	---	---	---	---	---	---	---	---
<u>2 1</u>	---	---	---	---	---	---	---	---	---	---
<u>2 2</u>	---	---	---	---	---	---	---	---	---	---
<u>2 3</u>	---	---	---	---	---	---	---	---	---	---
<u>2 4</u>	---	---	---	---	---	---	---	---	---	---
<u>2 5</u>	---	---	---	---	---	---	---	---	---	---

Duplicate columns 1-8  
from the previous card.

Module I D Format 0 1  
9 10 11 12

# INTERIOR DAMAGE

ID-1

## CODES:

- (0) NO  
(1) YES  
(3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT  
(8) NOT APPLICABLE  
(9) UNKNOWN

	LEFT	RIGHT				
<b>SIDES</b>			<b>FRONT</b>		<b>INSTRUMENT PANEL</b>	
FRONT DOOR	<u>0</u> 13	<u>4</u> 14	FOOT CONTROLS	<u>0</u> 45	UPPER PANEL	<u>0</u> 55
FRONT HARDWARE	<u>0</u> 15	<u>1</u> 16	IGNITION KEYS	<u>0</u> 46	MID PANEL	<u>0</u> 56
FRONT ARMREST	<u>0</u> 17	<u>4</u> 18	REAR VIEW MIRROR	<u>0</u> 47	LOWER PANEL	<u>0</u> 57
FRONT GLASS	<u>0</u> 19	<u>1</u> 20	SUNVISOR/FITTINGS	<u>0</u> 48	ASHTRAY	<u>0</u> 58
REAR DOOR AREA	<u>0</u> 21	<u>1</u> 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	<u>0</u> 59
REAR HARDWARE	<u>0</u> 23	<u>1</u> 24	WINDSHIELD TOP MOLDINGS	<u>1</u> 49	GLOVE COMPARTMENT AREA	<u>0</u> 60
REAR ARMREST	<u>0</u> 25	<u>1</u> 26	LEFT A-PILLAR (UPPER OR LOWER)	<u>0</u> 50	INSTRUMENTS	<u>0</u> 61
REAR GLASS	<u>0</u> 27	<u>1</u> 28	RIGHT A-PILLAR (UPPER OR LOWER)	<u>1</u> 51	PARKING BRAKE RELEASE	<u>0</u> 62
ROOF SIDE RAIL	<u>0</u> 29	<u>4</u> 30	CENTER CONSOLE	<u>1</u> 52	PARKING BRAKE PEDAL	<u>8</u> 63
B-PILLAR	<u>0</u> 31	<u>1</u> 32	TRANSMISSION SELECTOR LEVER	<u>0</u> 53	A/C OR UPPER VENT OUTLETS	<u>0</u> 64
C-PILLAR	<u>0</u> 33	<u>1</u> 34	RIM, HORN, SPOKE	<u>0</u> 54	HEATER OR A/C DUCTS	<u>0</u> 65
D-PILLAR	<u>8</u> 35	<u>8</u> 36			RADIO	<u>0</u> 66
HEADLINING	<u>0</u> 37	<u>1</u> 38			OTHER: * _____	<u>8</u> 67
ROOF STRUCTURE	<u>1</u> 39	<u>1</u> 40				
T-ROOF/SUN ROOF	<u>8</u> 41	<u>8</u> 42				
OTHER: * _____	<u>8</u> 43	<u>8</u> 44				
					<b>REAR</b>	
					WINDOW	<u>0</u> 68
					WINDOW HEADER	<u>0</u> 69
					<b>CONSOLES</b>	
					VERTICAL	<u>0</u> 70
					ROOF	<u>8</u> 71

\* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8  
from the previous card.

Module S T Format 0 2  
9 10 11 12

## SEATS

ST-1

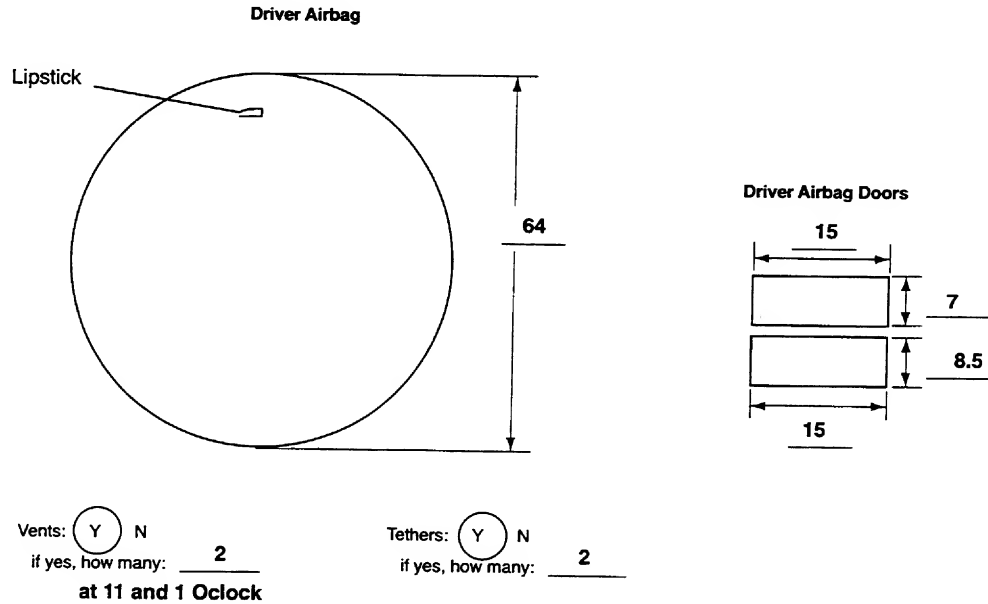
FRONT SEAT		DRIVER	PASSENGER	FRONT SEAT-BACK		DRIVER	PASSENGER
<b>TYPE OF FRONT SEAT</b> (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN		<u>05</u> 13 14	<u>05</u> 15 16	<b>SEAT-BACK TYPE</b> (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> 30	<u>3</u> 31
<b>TYPE OF SEAT MOUNT</b> (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 17	<u>1</u> 18	<b>SEAT-BACK LOCK TYPE</b> (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 32	<u>1</u> 33
<b>SWIVEL MECHANISM EQUIPPED</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 19	<u>0</u> 20	<b>LOCKS HELD</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 34	<u>1</u> 35
<b>ORIGINAL EQUIPMENT SEATS</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 21	<u>1</u> 22	<b>RECLINER MECHANISM HELD</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 36	<u>1</u> 37
<b>CONTACT OF SEAT BY REAR OCCUPANT</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 23	<u>0</u> 24	<b>HEAD RESTRAINT</b> <b>HEAD RESTRAINT TYPE</b> (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 38	<u>1</u> 39
<b>FRONT SEAT DAMAGE</b> (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 25	<u>3</u> 26	<b>REMOVED PRE-CRASH</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 40	<u>0</u> 41
<b>CENTER ARMREST DAMAGED</b> (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED		<u>1</u> 27		<b>ADJUSTMENT AT CRASH</b> (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 42	<u>2</u> 43
<b>FRONT SEAT ROTATION</b> (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY <u>2+3</u> (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 28	<u>5</u> 29	<b>HEAD RESTRAINT DAMAGE</b> (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 44	<u>0</u> 45



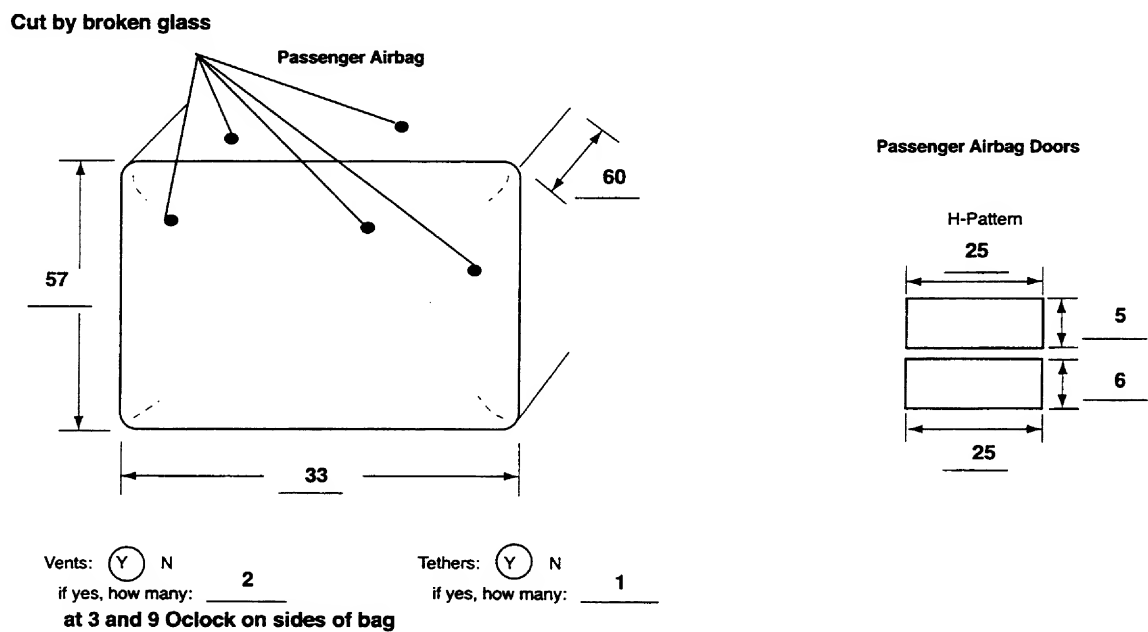
FRONT SEAT ADJUSTMENT		DRIVER	PASSENGER	SECOND SEAT (CONT.)	
<b>SEAT ADJUSTMENT TYPE</b> (0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN		<u>1</u> 46	<u>1</u> 47	<b>CENTER ARMREST DAMAGED</b>  (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	
<b>ADJUSTMENT PROVIDED</b> (1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 48	<u>1</u> 49	<b>SECOND SEAT-BACK</b>  <b>LOCKS</b>  <b>FOR THE FOLLOWING, USE:</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
<b>SEAT ADJUSTER DAMAGE</b> (0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 50	<u>2</u> 51	<b>LEFT OR CENTER, EQUIPPED</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<b>LEFT</b>  <b>RIGHT</b>
<b>SEAT ADJUSTER SEPARATION</b> (0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 52	<u>0</u> 53	<b>LEFT OR CENTER, HELD</b> (3) SEAT FOLDED DOWN <b>RIGHT, EQUIPPED</b> <b>RIGHT, HELD</b> (3) SEAT FOLDED DOWN	61 <u>1</u> 62 <u>0</u> 63 <u>8</u> 64 <u>1</u> 65 <u>0</u> 66 <u>8</u> 67 <u>1</u> 68 <u>8</u>
<b>PRE-CRASH POSITION</b> (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 54	<u>3</u> 55	<b>THIRD SEAT</b>  <b>EQUIPPED</b> <b>BACKREST DAMAGED</b> <b>CUSHION DAMAGED</b>	
<b>SECOND SEAT</b>  <b>TYPE OF SECOND SEAT</b> (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN		<b>LEFT</b>  <u>6</u> 56	<b>RIGHT</b>  <u>6</u> 57	69 <u>0</u> 70 <u>0</u> 71 <u>8</u> 72 <u>8</u> 73 <u>8</u> 74 <u>8</u>	
<b>SECOND SEAT DAMAGE</b> (0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 58	<u>3</u> 59	<b>VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS</b>  (0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN  <i>Applies to any rear-seat position</i>	

<p>DRIVER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 13</p> <p><u>1</u> 14</p>	<p>PASSENGER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 16</p> <p><u>1</u> 17</p>
<p>CONDITION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 15</p>	<p>CONDITION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>3</u> 18</p>
<p>DRIVER SIDE</p> <p>AIRBAG</p> <p>STEERING WHEEL</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 19</p> <p><u>1</u> 20</p>	<p>PASSENGER SIDE</p> <p>AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 21</p> <p><u>0</u> 22</p>

AIRBAG NUMBER ON DRIVER SIDE:



AIRBAG NUMBER ON PASSENGER SIDE:



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,  
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,  
ARE TO BE FILLED IN  
FOR EACH CASE VEHICLE OCCUPANT,  
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,  
USE ADDITIONAL COPIES  
OF PAGES OC-1, OC-2, OC-3,  
AND IC-2 TO DESCRIBE THEM  
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8  
from the previous card.

Module 0 C Format 0 2  
9 10 11 12

# OCCUPANT INFORMATION OC-1

## OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

01  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
- (2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)
- (9) UNKNOWN

1  
15

## OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
- (2) SECOND
- (3) THIRD
- (4) FOURTH
- (7) OTHER: \_\_\_\_\_
- (8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)
- (9) UNKNOWN

1  
16

LATERAL LOCATION

- (1) LEFT
- (2) LEFT CENTER
- (3) CENTER
- (4) RIGHT CENTER
- (5) RIGHT
- (6) ALL (LYING ON SEAT)
- (8) EXTERNAL TO PASSENGER  
COMPARTMENT
- (9) UNKNOWN

1  
17

POSTURE

- (10) SITTING ON SEAT
- (11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)
- (12) SITTING ON CONSOLE
- (20) ON LAP OR IN ARMS
- (30) STANDING ON SEAT
- (40) STANDING ON FLOOR
- (47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT
- (50) IN BASSINET
- (60) IN CHILD SEAT
- (65) IN CHILD HARNESS
- (70) LYING ON SEAT
- (80) LYING/SITTING ON PASSENGER  
FLOOR
- (83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_
- (85) ON CARGO FLOOR/FOLDED  
SEAT-BACK
- (87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT
- (97) OTHER: \_\_\_\_\_
- (99) UNKNOWN

10  
18 19

## PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
- (98) 98 YEARS OR OLDER
- (99) UNKNOWN

32  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
- (25) 25 MONTHS OR OLDER
- (99) UNKNOWN

25  
22 23

MASS (kg)

- (999) UNKNOWN

(165 lb)

075  
24 25 26

HEIGHT (cm)

- (999) UNKNOWN

(5ft, 7in)

170  
27 28 29

SEX

- (1) MALE
- (2) FEMALE
- (9) UNKNOWN

2  
30

## MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
- (01) FIRST AID AT SCENE
- (02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED
- (03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS
- (04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT
- (05) FATAL, DEAD AT SCENE
- (06) FATAL, DOA
- (07) FATAL, DEAD WITHIN 24 HOURS
- (08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER
- (09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER
- (10) FATAL DEAD WITHIN UNKNOWN  
PERIOD
- (99) UNKNOWN

02  
31 32

INJURY SEVERITY SCORE (ISS)

- (99) UNKNOWN

01  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
- (1) YES, TIME & TYPE UNKNOWN
- (2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)
- (3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)
- (4) PREGNANT
- (5) POST-CRASH FATAL (DROWNING)
- (6) POST-CRASH NON-FATAL INJURY
- (7) OTHER: \_\_\_\_\_
- (8) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (9) UNKNOWN

0  
35

# OCCUPANT INFORMATION OC-2

## MEDICAL CONDITIONS (CONT.)

### POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY,  
SEVERITY UNKNOWN
- (9) UNKNOWN

1  
36

## CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE  
(ADULT OR OLDER CHILD)
- (99) UNKNOWN

8 8  
41 42

## CHILD SEAT MAKE/MODEL

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## RESTRAINT SYSTEM

### ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (9) UNKNOWN

3  
37

### ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

3  
38

### PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO  
WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO  
WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED &  
PASSIVE RESTRAINT
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
39

### PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY  
EQUIPPED)
- (9) UNKNOWN

2  
40

## EJECTION

### DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0  
43

### AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR  
FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: \_\_\_\_\_
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

9 8  
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE  
IN DETAIL BELOW:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## HEAD RESTRAINT

### HEAD RESTRAINT AVAILABLE FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

1  
46

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS ✓
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

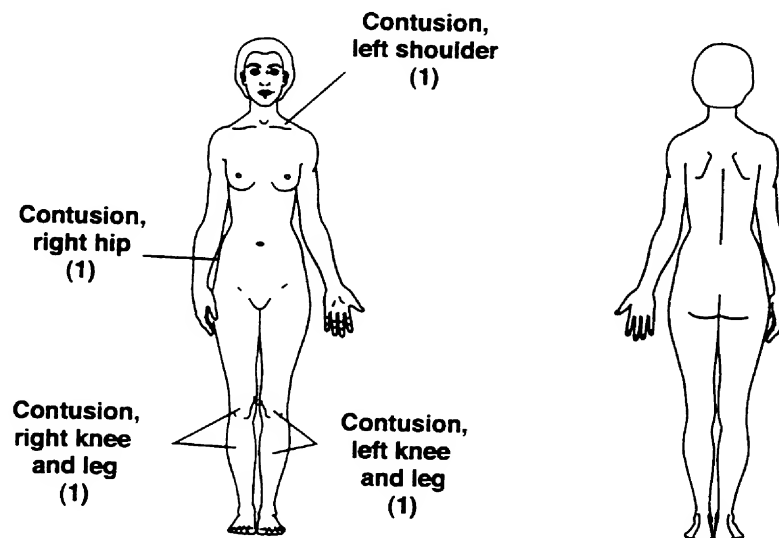
2  
47

## SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

2  
48

INDICATE LOCATION OF INJURIES.





Duplicate columns 1-8 from the previous card. Module 1 C Format 0 1  
9 10 11 12

# INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

## OCCUPANT INJURY CLASSIFICATION

					PRIMARY OIC					ASSOCIATED OIC					COMMENTS
OCCUPANT NUMBER	INJURY NUMBER	PLACE CONTACTS IN ORDER OF PROBABILITY (HORIZONTALLY). START WITH MOST PROBABLE IN 1ST CONTACT AREA COLUMN.		AREA(S) OF POSSIBLE CONTACT 1ST 2ND	BODY REGION 1	ASPECT 2	LESION 3	SYSTEM/ORGAN 4	SEVERITY 5	BODY REGION 1	ASPECT 2	LESION 3	SYSTEM/ORGAN 4	SEVERITY 5	
		13-14	15-16												
Duplicate "Occupant Number" for each line. ↑ <u>01</u>	<u>01</u>	<u>34</u>	<u>--</u>		<u>S</u>	<u>L</u>	<u>C</u>	<u>I</u>	<u>1</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>02</u>	<u>27</u>	<u>33</u>		<u>P</u>	<u>R</u>	<u>C</u>	<u>I</u>	<u>1</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>03</u>	<u>56</u>	<u>86</u>		<u>K</u>	<u>R</u>	<u>C</u>	<u>I</u>	<u>1</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>04</u>	<u>56</u>	<u>86</u>		<u>L</u>	<u>R</u>	<u>C</u>	<u>I</u>	<u>1</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>05</u>	<u>56</u>	<u>--</u>		<u>K</u>	<u>L</u>	<u>C</u>	<u>I</u>	<u>1</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>06</u>	<u>56</u>	<u>--</u>		<u>L</u>	<u>L</u>	<u>C</u>	<u>I</u>	<u>1</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>--</u>	<u>--</u>	<u>--</u>		<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>--</u>	<u>--</u>	<u>--</u>		<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>--</u>	<u>--</u>	<u>--</u>		<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>--</u>	<u>--</u>	<u>--</u>		<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>--</u>	<u>--</u>	<u>--</u>		<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>--</u>	<u>--</u>	<u>--</u>		<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>--</u>	<u>--</u>	<u>--</u>		<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	
	<u>--</u>	<u>--</u>	<u>--</u>		<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

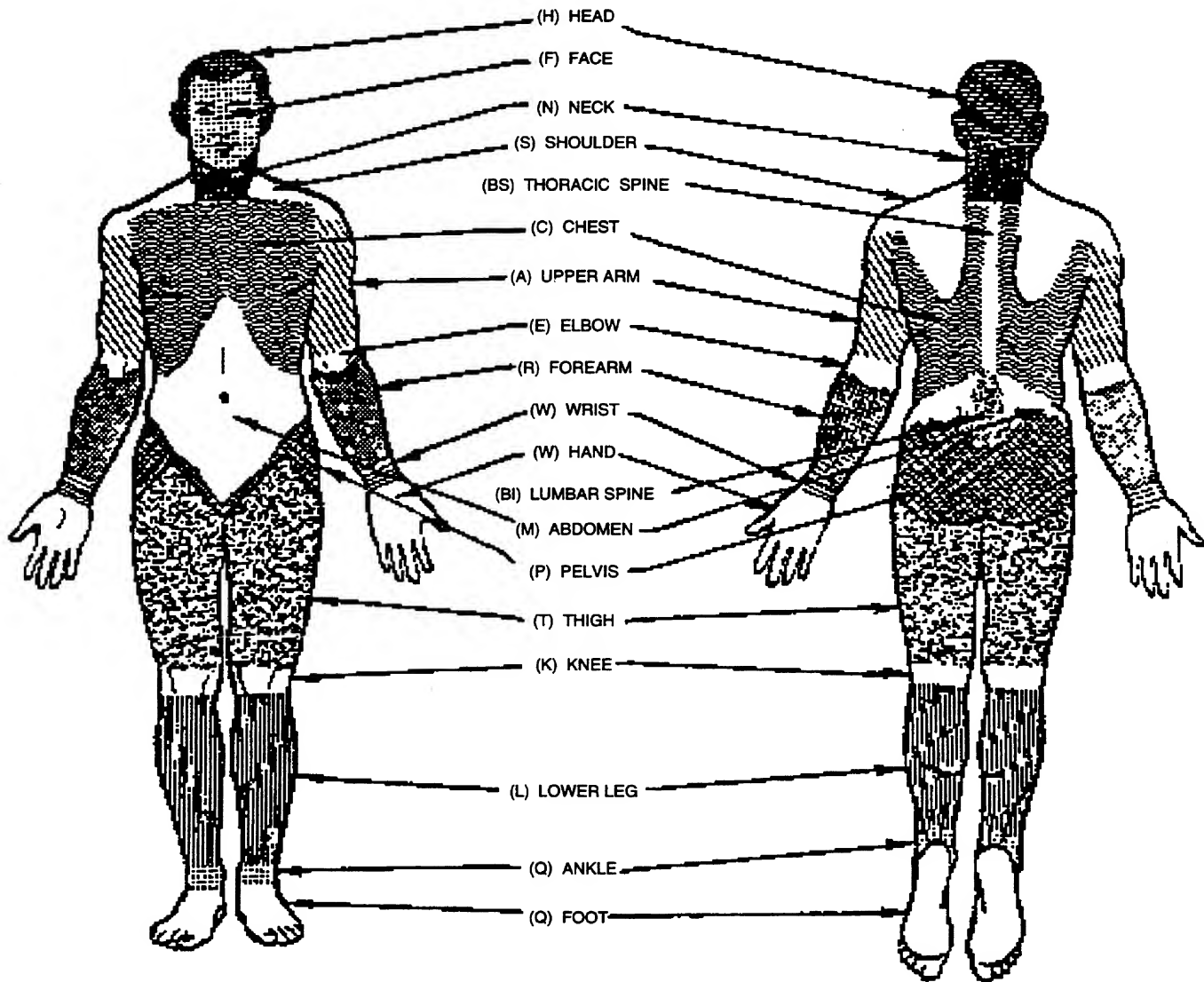
## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

## MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW  
IS AN EXPLANATION OF THE BODY REGION CODES  
LISTED ON PAGE IC - 4.



## CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

**1 BODY REGION**

(H) HEAD/SKULL  
 (F) FACE  
 (N) NECK  
 (S) SHOULDER  
 (X) UPPER EXTREMITIES  
 (A) ARM (*UPPER*)  
 (E) ELBOW  
 (R) FOREARM  
 (W) WRIST/HAND  
 (C) CHEST  
 (M) ABDOMEN  
 (B) BACK  
 (P) PELVIC/HIP  
 (Y) LOWER EXTREMITIES  
 (T) THIGH  
 (K) KNEE  
 (L) LEG (*LOWER*)  
 (Q) ANKLE/FOOT  
 (O) WHOLE BODY  
 (U) UNKNOWN

**3 LESION**

(L) LACERATION  
 (C) CONTUSION  
 (A) ABRASION  
 (F) FRACTURE  
 (P) PERFORATION,  
 PUNCTURE  
 (K) CONCUSSION  
 (V) AVULSION  
 (R) RUPTURE  
 (S) SPRAIN  
 (D) DISLOCATION  
 (N) CRUSH  
 (M) AMPUTATION  
 (B) BURN  
 (G) DETACHMENT,  
 SEPARATION  
 (Z) FRACTURE AND  
 DISLOCATION  
 (T) STRAIN  
 (E) TOTAL SEVERANCE,  
 TRANSECTION  
 (O) OTHER  
 (U) UNKNOWN

**4 SYSTEM/ORGAN**

(S) SKELETAL  
 (V) VERTEBRAE  
 (J) JOINTS  
 (D) DIGESTIVE  
 (L) LIVER  
 (N) NERVOUS SYSTEM  
 (B) BRAIN  
 (C) SPINAL CORD  
 (E) EARS  
 (O) EYES  
 (A) ARTERIES  
 (H) HEART  
 (Q) SPLEEN  
 (G) UROGENITAL  
 (K) KIDNEYS  
 (R) RESPIRATORY  
 (P) PULMONARY/LUNGS  
 (M) MUSCLES  
 (T) THYROID, OTHER  
 ENDOCRINE GLAND  
 (I) INTEGUMENTARY (*SKIN*)  
 (W) ALL SYSTEMS IN REGION  
 (U) UNKNOWN

**2 ASPECT**

(R) RIGHT  
 (L) LEFT  
 (B) BILATERAL  
 (C) CENTRAL  
 (A) ANTERIOR/FRONT  
 (P) POSTERIOR/BACK  
 (S) SUPERIOR/UPPER  
 (I) INFERIOR/LOWER  
 (W) WHOLE REGION  
 (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

**5 SEVERITY**  
(OR "AIS", ABBREVIATED INJURY SCALE)

(0) NONE  
 (1) MINOR  
 (2) MODERATE  
 (3) SERIOUS  
 (4) SEVERE  
 (5) CRITICAL  
 (6) MAXIMUM  
 (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module 0 C Format 0 2  
9 10 11 12

# OCCUPANT INFORMATION OC-1

## OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

02  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
- (2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)
- (9) UNKNOWN

2  
15

## PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
- (98) 98 YEARS OR OLDER
- (99) UNKNOWN

35  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
- (25) 25 MONTHS OR OLDER
- (99) UNKNOWN

25  
22 23

MASS (kg)

(999) UNKNOWN (170 lb)

077  
24 25 26

HEIGHT (cm)

(999) UNKNOWN (5ft, 10 in)

178  
27 28 29

SEX

- (1) MALE
- (2) FEMALE
- (9) UNKNOWN

1  
30

## OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
- (2) SECOND
- (3) THIRD
- (4) FOURTH
- (7) OTHER: \_\_\_\_\_
- (8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)
- (9) UNKNOWN

1  
16

LATERAL LOCATION

- (1) LEFT
- (2) LEFT CENTER
- (3) CENTER
- (4) RIGHT CENTER
- (5) RIGHT
- (6) ALL (LYING ON SEAT)
- (8) EXTERNAL TO PASSENGER  
COMPARTMENT
- (9) UNKNOWN

5  
17

POSTURE

- (10) SITTING ON SEAT
- (11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)
- (12) SITTING ON CONSOLE
- (20) ON LAP OR IN ARMS
- (30) STANDING ON SEAT
- (40) STANDING ON FLOOR
- (47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT
- (50) IN BASSINET
- (60) IN CHILD SEAT
- (65) IN CHILD HARNESS
- (70) LYING ON SEAT
- (80) LYING/SITTING ON PASSENGER  
FLOOR
- (83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_
- (85) ON CARGO FLOOR/FOLDED  
SEAT-BACK
- (87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT
- (97) OTHER: \_\_\_\_\_
- (99) UNKNOWN

10  
18 19

## MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
- (01) FIRST AID AT SCENE
- (02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED
- (03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS
- (04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT
- (05) FATAL, DEAD AT SCENE
- (06) FATAL, DOA
- (07) FATAL, DEAD WITHIN 24 HOURS
- (08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER
- (09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER
- (10) FATAL DEAD WITHIN UNKNOWN  
PERIOD
- (99) UNKNOWN

02  
31 32

INJURY SEVERITY SCORE (ISS)

(99) UNKNOWN

01  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
- (1) YES, TIME & TYPE UNKNOWN
- (2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)
- (3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)
- (4) PREGNANT
- (5) POST-CRASH FATAL (DROWNING)
- (6) POST-CRASH NON-FATAL INJURY
- (7) OTHER: \_\_\_\_\_
- (8) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (9) UNKNOWN

0  
35

# OCCUPANT INFORMATION OC-2

<p><b>MEDICAL CONDITIONS (CONT.)</b></p> <p><b>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</b></p> <p>(0) O - NO INJURY          (1) C - POSSIBLE INJURY          (2) B - NON-INCAPACITATING          (3) A - INCAPACITATING INJURY          (4) K - FATAL          (5) INJURED, SEVERITY UNKNOWN          (6) DIED PRIOR TO IMPACT          (7) NON-FATAL INJURY, SEVERITY UNKNOWN          (9) UNKNOWN</p>	<p><u>3</u> 36</p>	<p><b>CHILD SEAT TYPE</b></p> <p>(00) NONE USED          (01) YES, USED          (02) INTEGRAL, Chrysler Mini-van          (88) NOT APPLICABLE (ADULT OR OLDER CHILD)          (99) UNKNOWN</p> <p><b>CHILD SEAT MAKE/MODEL</b></p> <p>_____          _____          _____</p>	<p><u>8 8</u> 41 42</p>
<p><b>RESTRAINT SYSTEM</b></p> <p><b>ACTIVE RESTRAINT SYSTEM</b></p> <p>(0) NONE          (1) LAP BELT          (2) SHOULDER HARNESS ONLY          (3) BOTH LAP BELT &amp; SHOULDER HARNESS          (9) UNKNOWN</p> <p><b>ACTIVE RESTRAINT SYSTEM USAGE</b></p> <p>(0) NONE (AVAILABLE BUT NOT USED)          (1) LAP BELT ONLY          (2) SHOULDER HARNESS ONLY          (3) BOTH LAP BELT &amp; SHOULDER HARNESS          (7) IMPROPER USAGE          (8) NOT APPLICABLE (NONE AVAILABLE)          (9) UNKNOWN</p> <p><b>PASSIVE RESTRAINT SYSTEM</b></p> <p>(0) NONE          (1) AIRBAG INSTALLED          (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS          (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS          (4) PASSIVE LAP &amp; UPPER TORSO          (5) AIRBAG INSTALLED &amp; PASSIVE RESTRAINT          (7) OTHER: _____          (9) UNKNOWN</p> <p><b>PASSIVE RESTRAINT SYSTEM USAGE</b></p> <p>(0) SYSTEM DEFEATED          (1) AIRBAG NOT DEPLOYED          (2) AIRBAG DEPLOYED          (3) AIRBAG NOT REINSTALLED          (4) PASSIVE UPPER TORSO USED          (5) PASSIVE LAP &amp; UPPER TORSO USED          (6) SYSTEM USED IN MANUAL MODE          (7) IMPROPER USAGE          (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED)          (9) UNKNOWN</p>	<p><u>3</u> 37</p> <p><u>3</u> 38</p> <p><u>1</u> 39</p> <p><u>2</u> 40</p>	<p><b>EJECTION</b></p> <p><b>DEGREE OF EJECTION</b></p> <p>(0) NONE          (1) PARTIAL          (2) COMPLETE          (7) EJECTED, DEGREE UNKNOWN          (9) UNKNOWN IF EJECTED</p> <p><b>AREA OF EJECTION</b></p> <p>(01) WINDOW, LEFT SIDE          (02) WINDOW, RIGHT SIDE          (03) WINDOW, REAR          (04) DOOR, LEFT SIDE          (05) DOOR, RIGHT SIDE          (06) DOOR, REAR OR TAILGATE          (07) WINDSHIELD          (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA          (96) EJECTED AREA UNKNOWN          (97) OTHER AREA: _____          (98) NOT APPLICABLE (NOT EJECTED)          (99) UNKNOWN IF EJECTED</p>	<p><u>0</u> 43</p> <p><u>9 8</u> 44 45</p>
<p><b>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</b></p> <p>_____          _____          _____          _____</p>			
<p><b>HEAD RESTRAINT</b></p> <p><b>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</b></p> <p>(0) NOT EQUIPPED OR REMOVED          (1) EQUIPPED          (9) UNKNOWN</p>		<p><u>1</u> 46</p>	

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

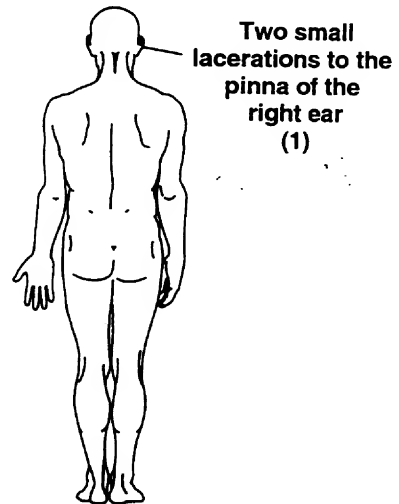
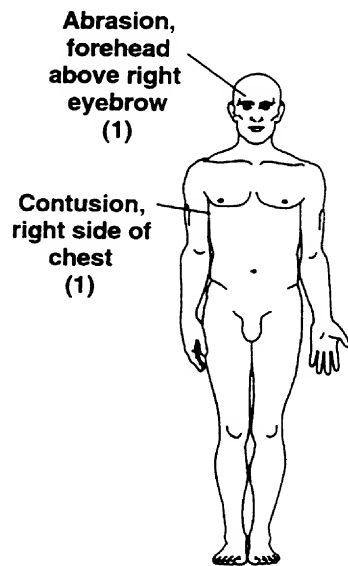
0  
47

## SOURCE OF INFORMATION

- ☒ (0) INTERVIEW
- ☒ (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

7  
48

INDICATE LOCATION OF INJURIES.





INJURY CLASSIFICATION IC-1

**NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.**

## OCCUPANT INJURY CLASSIFICATION

[illegible]

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (*X*)
- (55) MIDDLE INSTRUMENT PANEL (*Y*)
- (56) LOWER INSTRUMENT PANEL (*Z*)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

## MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Duplicate columns 1-8  
from the previous card.

Module 0 C Format 0 2  
9 10 11 12

## OCCUPANT INFORMATION OC-1

### OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

03  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER  
(2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)  
(9) UNKNOWN

2  
15

### OCCUPANT POSITION

ROW LOCATION

- (1) FRONT  
(2) SECOND  
(3) THIRD  
(4) FOURTH  
(7) OTHER: \_\_\_\_\_  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)  
(9) UNKNOWN

2  
16

LATERAL LOCATION

- (1) LEFT  
(2) LEFT CENTER  
(3) CENTER  
(4) RIGHT CENTER  
(5) RIGHT  
(6) ALL (LYING ON SEAT)  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT  
(9) UNKNOWN

3  
17

POSTURE

- (10) SITTING ON SEAT  
(11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)  
(12) SITTING ON CONSOLE  
(20) ON LAP OR IN ARMS  
(30) STANDING ON SEAT  
(40) STANDING ON FLOOR  
(47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(50) IN BASSINET  
(60) IN CHILD SEAT  
(65) IN CHILD HARNESS  
(70) LYING ON SEAT  
(80) LYING/SITTING ON PASSENGER  
FLOOR  
(83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_  
(85) ON CARGO FLOOR/FOLDED  
SEAT-BACK  
(87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(97) OTHER: \_\_\_\_\_  
(99) UNKNOWN

60  
18 19

### PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR  
(98) 98 YEARS OR OLDER  
(99) UNKNOWN

01  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH  
(25) 25 MONTHS OR OLDER  
(99) UNKNOWN

17  
22 23

MASS (kg)

(999) UNKNOWN

(24 lbs)

011  
24 25 26

HEIGHT (cm)

(999) UNKNOWN

(24, 8 in)

081  
27 28 29

SEX

- (1) MALE  
(2) FEMALE  
(9) UNKNOWN

2  
30

### MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE  
(01) FIRST AID AT SCENE  
(02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED  
(03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS  
(04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT  
(05) FATAL, DEAD AT SCENE  
(06) FATAL, DOA  
(07) FATAL, DEAD WITHIN 24 HOURS  
(08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER  
(09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER  
(10) FATAL DEAD WITHIN UNKNOWN  
PERIOD  
(99) UNKNOWN

02  
31 32

INJURY SEVERITY SCORE (ISS)

(99) UNKNOWN

02  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE  
(1) YES, TIME & TYPE UNKNOWN  
(2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)  
(3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)  
(4) PREGNANT  
(5) POST-CRASH FATAL (DROWNING)  
(6) POST-CRASH NON-FATAL INJURY  
(7) OTHER: \_\_\_\_\_  
(8) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(9) UNKNOWN

0  
35

# OCCUPANT INFORMATION OC-2

## MEDICAL CONDITIONS (CONT.)

### POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY,  
SEVERITY UNKNOWN
- (9) UNKNOWN

3  
36

## CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE  
(ADULT OR OLDER CHILD)
- (99) UNKNOWN

0 1  
41 42

## CHILD SEAT MAKE/MODEL

EVEN FLO - HORIZON  
II

## RESTRAINT SYSTEM

### ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (9) UNKNOWN

1  
37

### ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

1  
38

### PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO  
WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO  
WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED &  
PASSIVE RESTRAINT
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

0  
39

### PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY  
EQUIPPED)
- (9) UNKNOWN

8  
40

## EJECTION

### DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0  
43

### AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR  
FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: \_\_\_\_\_
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

98  
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE  
IN DETAIL BELOW:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## HEAD RESTRAINT

### HEAD RESTRAINT AVAILABLE FOR THIS POSITION

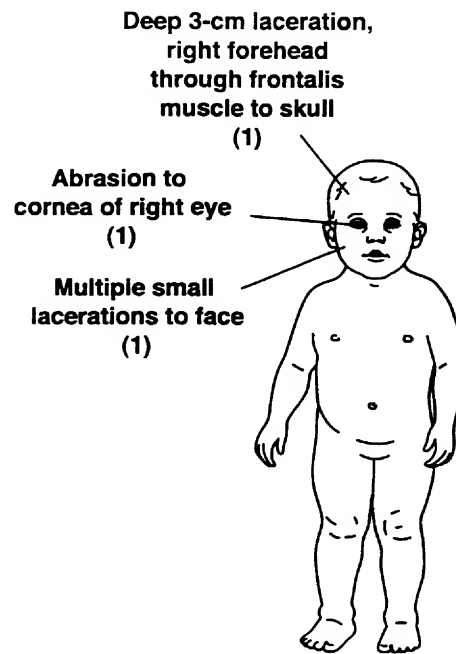
- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

0  
46

# OCCUPANT INFORMATION OC-3

<p><b>OCCUPANT EYEWEAR</b></p> <p>(0) NONE          (1) GLASSES          (2) CONTACTS          (3) BOTH GLASSES AND CONTACTS          (4) OTHER _____          (8) NOT APPLICABLE          (9) UNKNOWN</p>	<p><u>0</u> 47</p>	<p><b>SOURCE OF INFORMATION</b></p> <p>(0) INTERVIEW          (1) HOSPITAL          (2) AUTOPSY          (3) POLICE          (4) OTHER _____          (5) LAY CORONER/EXTERNAL EXAM          (7) COMBINATION OF ABOVE (CIRCLE)          (8) NOT APPLICABLE          (9) UNKNOWN</p>	<p><u>7</u> 48</p>
--	------------------------	---	------------------------

INDICATE LOCATION OF INJURIES.



INJURY CLASSIFICATION IC-1

**NOTE:** Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

## OCCUPANT INJURY CLASSIFICATION

[illegible]

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

## MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT



Case No. 014 88

00001 - A 1988 Nissan

Type: Acura(88) 4-door sedan

Class: 33 year-old female

Location: 15 1988 Chevrolet Blazer 4x2 4-door 4PS

00001 - 1988 Nissan Daylight

Type: Acura

Class: 33 year-old female

Location: 15 1988 Chevrolet Blazer 4x2 4-door 4PS

00001 - 1988 Nissan Daylight





PN 21400 #2



PN2140043



PN 21400 #4



PN 21400 #5  
Best Available



**PN 21400 #6**  
**Best Available**



**PN 21400#7**  
**Best Available**



PN 21 400 #8  
Best Available





PN 21400 #9



**PN21400 #10**  
**Best Available**



**PN21400 #11**  
**Best Available**



**PN 21400 #12**  
**Best Available**



PN 21400 #13  
Best Available



PN 21400 #14  
Best Available



**PN21400#15**  
**Best Available**



**PN21400#16**  
**Best Available**





**PN 21400 #17**  
**Best Available**



**PN 21400 #18**  
**Best Available**



**PN21400 #19**  
**Best Available**



**PN 21400 #20**  
**Best Available**



PN 21400 #21  
Best Available



PN 21400 #22



PN 21400 #23



PN21400#24





PN 21400 #25



PN 21400 #26



PN 21400 #27



PN 21400 #28



PN 21400 #28



**PN 21400 #30**  
**Best Available**



PN 21400 #31  
Best Available



PN 21400 #32  
Best Available





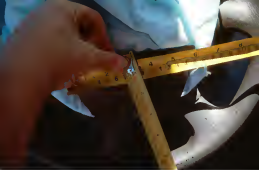
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PN 21400 #34



**PN 21400 #35**  
**Best Available**



PN21400 #36  
Best Available



**PN 21400 #37**  
**Best Available**



PN 21400 #38  
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PN 21400 #39



PN 21400 #40





PN 21400 #41



PN 21400 #42



PN21400#43



PN 21400 #44



PN 21400 #45



PN 21400 #46



PN21400 #47



PN 21400 #48





PN 21400 #49



PN 21400 #50



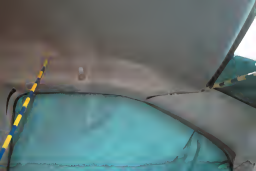
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PN 21400 #52



PN 21400 #53



PN 21400 #54



PN 21400 #55



PN 21400 #58





PN 21400 #57



PN 21400 #58

PN 21400 #59



PN 21400-#80



PN21400 #61



PN 21400 #62



PN 21400 #63



PN 21400 #64





PN 21400 #65



PN 21400-#66



PN21400 #67



PN 21400 #68



PN 21400 #69



PN 21400 #70



PN21400 #71



PN 21400 #72





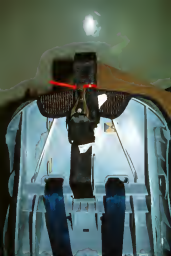
PN 21400 #73



PN 21400 #74



PN 21400 #75



PN 21400 #78





(1) Head

(2) Eyes: none present

(3) Antennae: 4-6 pairs present

Deep, 3 mm lacunations  
right, forehead  
the depth is anterior  
muscle to skull  
(1)

8-10 pairs of  
concoloral slight eyes  
(1)

Multiple small  
lacunations to face  
(1)



(4) Wings: none (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

(11) (12) (13) (14) (15) (16) (17) (18) (19) (20)

(21) (22) (23) (24) (25) (26) (27) (28) (29) (30)  
Properly assembled in 3 parts  
Karyotype facing (small) safety zone  
with four point formers. (M) is used  
properly (safety) on vehicle case  
with vehicle (safety) but better not used

(31) (32) (33) (34) (35)